

EASYPARCEL INDIVIDUAL API DOCUMENT

1.4.0.0 (MALAYSIA)

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Overview
The Easyparcels API allows your application to access current data within EasyParcel. However, EasyParcel API is using RESTful with PHP concept to develop API for web based applications. Through the API, several common operations can be performed on EasyParcel objects.

Base URL
All API URLs start with the following base part:
For Demo : http://demo.connect.easyparcel.my/
For Live : http://connect.easyparcel.my/

Demo URL is only for testing purposes.
Live URL is for real live transaction usage.

Getting an API key
An API key is required to build an application using our API. Here's how to get an API key:
1. Sign up an EasyParcel account at www.easyparcel.my.
2. Complete the account verification.
3. Register the key for API access.

Rate Checking
This enable rate checking from all courier companies in EasyParcel platform. User need to provide sender and receiver address to check the shipment rate.

URL
For Live : https://connect.easyparcel.my/?ac=EPRateCheckingBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPRateCheckingBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)
exclude_fields	array	Optional	Exclude certain fields from response. Supported values: “pgeon_point”, “rates.*.dropoff_point”, “rates.*.pickup_point”

HTTP POST Request L2

Name	Type	Required	Description
pick_code	string(10)	Yes	Sender's postcode.
pick_state	string(35)	Yes	Sender's state. (Refer to Appendix III)
pick_country	string(2)	Yes	Sender's country (“MY”).
send_code	string(10)	Yes	Receiver's postcode.
send_state	string(35)	Yes	Receiver's state. (Refer to Appendix III)
send_country	string(2)	Yes	Receiver's country (“MY”).
weight	double(8,2)	Yes	The weight of the parcel.
width	double(8,2)	Optional	The width of the parcel.
length	double(8,2)	Optional	The length of the parcel.
height	double(8,2)	Optional	The height of the parcel.
date_coll	date	Optional	Check the available pickup date. If the date is left empty, the default will be today’s date. Format : “YYYY-MM-DD”

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)
result	array	Result for rate checking	(Refer to Response L2)

Response/ Return Value L2

Return Value	Type	Description	Remarks

status	string(10)	The status of the rate checking.	Fail / Success
remarks	string(100)	The error message for rate checking	
rates	array	The response of the rate checking	(Refer to Response L4)
pgeon_point	array	Available pgeon point of the rate checking	(Refer to Response L3)

Response/ Return Value L3

Return Value	**Type**	**Description**	**Remarks**
Sender_point	array	Pgeon Point near sender address	(Refer to Response L5)
Receiver_point	array	Pgeon Point near Receiver address	(Refer to Response L5)

Response/ Return Value L4

Return Value	**Type**	**Description**	**Remarks**
rate_id	string (15)	Rate ID	
service_detail	string (15)	Service Detail	dropoff, pickup, dropoff/pickup
service_id	string (15)	Service ID	using for Making Order API
service_type	string (10)	Type of service	parcel/ document
courier_id	string (10)	Courier ID	
courier_logo	string (300)	Courier logo	
scheduled_start_date	string (50)	Scheduled pickup for parcel.	
pickup_date	date	The date to pickup the parcel.	Same day pickup only available before 12pm.
delivery	string (100)	The day(s) to deliver the parcel.	
price	double(8,2)	Total price	shipping + addon
addon_price	double(8,2)	Addon service pricing	
shipment_price	double(8,2)	Shipping price	
require_min_order	int(11)	Courier require minimum parcel	
service_name	string (100)	Service name	
courier_name	string (100)	Courier name	
dropoff_point	array	Drop-off point for it’s courier service	(Refer to Response L6)
pickup_point	array	Pickup point for it’s courier service	(Refer to Response L6)
cod_service_available	boolean	Identifies whether Cash On Demand is supported	True if supported / False if not supported
cod_service_min_cod_amount	double(8,2)	COD minimum amount	Anything below or equivalent to this amount will not be able to be supported by COD service

cod_service_max_cod_amount	double(8,2)	COD maximum amount	Maximum amount to be collected for COD parcels. Anything above this amount will not be able to be supported by COD service
cod_charges_calculation	json	JSON which contains the method to calculate the COD Charges	Type could be fixed or percentage. (var calculated_charges=cod_amount * rate. If calculated_charges<min then min should be used, else use calculated_charges)
basic_insurance_max_value	int(11)	Basic insurance maximum coverage.	Based on condition to cover parcel value or maximum up to this maximum amount.
basic_insurance_currency	string (3)	The currency which the basic insurance has been defined by courier	
covered_by_insure_plus	boolean	Identifies if the service is under InsurePlus Feature which is provided by EasyParcel	True if supported / False if not
addon_insurance_available	boolean	Identifies if there is additional insurance available for purchase	True if supported / False if not supported. Addon insurance can only be purchased for parcels which value exceed the basic_insurance_max_value.
whatsapp_tracking_available	boolean	Identifies if there is whatsapp tracking service available	True if supported / False if not supported. Addon insurance can only be purchased for parcels which value exceed the basic_insurance_max_value.
whatsapp_tracking_price	double(8,2)	Whatsapp Tracking charges/price	

Response/ Return Value L5

Return Value	**Type**	**Description**	**Remarks**

point_id	string(25)	Drop-off point ID	
company	string(100)	Drop-off point company	
point_name	string(100)	Drop-off point name	
point_contact	string(10)	Drop-off point contact	
point_lat	double(8,16)	Drop-off point latitude	
point_lon	double(8,16)	Drop-off point longitude	
point_addr1	string(10)	Drop-off point address line 1	
point_addr2	string(10)	Drop-off point address line 2	
point_addr3	string(10)	Drop-off point address line 3	
point_addr4	string(10)	Drop-off point address line 4	
point_city	string(10)	Drop-off point city	
point_state	string(10)	Drop-off point state	(Refer to Appendix III)
point_postcode	string(10)	Drop-off point postcode	
price	double(8,2)	Drop-off point Booking fee	

Response/ Return Value L6

Return Value	**Type**	**Description**	**Remarks**
point_id	string(25)	Drop-off point ID	
point_name	string(100)	Drop-off point name	
point_contact	string(10)	Drop-off point contact	
point_addr1	string(10)	Drop-off point address line 1	
point_addr2	string(10)	Drop-off point address line 2	
point_addr3	string(10)	Drop-off point address line 3	
point_addr4	string(10)	Drop-off point address line 4	
point_postcode	string(10)	Drop-off point postcode	
point_city	string(10)	Drop-off point city	
point_state	string(10)	Drop-off point state	(Refer to Appendix III)
price	double(8,2)	Drop-off point fee	

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPRateCheckingBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'pick_code' => '10050',
'pick_state' => 'png',
'pick_country' => 'MY',
'send_code' => '11950',
'send_state' => 'png',
'send_country' => 'MY',
'weight' => '5',
'width' => '0',
'length' => '0',
```

```
'height' => '0',
'date_coll' => '2017-11-08',
),
array(
'pick_code' => '14300',
'pick_state' => 'png',
'pick_country' => 'MY',
'send_code' => '81100',
'send_state' => 'jhr',
'send_country' => 'MY',
'weight' => '10',
'width' => '0',
'length' => '0',
'height' => '0',
'date_coll' => '2017-11-08',
),
),
'exclude_fields' => array(
'rates.*.pickup_point',
)
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"api_status": "Success",
"error_code": "0",
"error_remark": "",
"result": [
{
"REQ_ID": "",
"status": "Success",
"remarks": "",
"rates": [
{
"rate_id": "EP-RR0M2NL",
"service_detail": "dropoff/pickup",
```

"service_id": "EP-CS0CH",
"service_type": "parcel",
"courier_id": "EP-CR0A",
"courier_logo": "https://s3-ap-southeast-1.amazonaws.com/easyparcel-static/Public/source/general/img/couriers/Pos_Laju.jpg",
"scheduled_start_date": "2020-07-21 Tuesday",
"pickup_date": "2020-07-21",
"delivery": "3-5 working day(s)",
"price": "8.00",
"addon_price": "0.00",
"shipment_price": "8.00",
"require_min_order": 0,
"service_name": "Poslaju Same Day Pick up (within WM)",
"courier_name": "POSLAJU NATIONAL COURIER",
"dropoff_point": [{
"point_id": "EP-CB0MI",
"point_name": "Pos Malaysia Banting",
"point_contact": "03-3187 1437",
"point_addr1": "No. 101 Jalan Bunga, Pekan 2",
"point_addr2": "42700",
"point_addr3": "",
"point_addr4": "",
"point_postcode": "Banting",
"point_city": "",
"point_state": "sgr",
"start_time": "00:00:00",
"end_time": "00:00:00",
"price": 0
}],
"pickup_point": []
},
{
"rate_id": "EP-RR0MCOV",
"service_detail": "pickup",
"service_id": "EP-CS0KS",
"service_type": "parcel",
"courier_id": "EP-CR0Z",
"courier_logo": "https://s3-ap-southeast-1.amazonaws.com/easyparcel-static/Public/source/general/img/couriers/CJ_Century.jpg",
"scheduled_start_date": "2020-07-21 Tuesday",
"pickup_date": "2020-07-21",
"delivery": "3-5 working day(s)",
"price": "7.80",
"addon_price": "0.00",
"shipment_price": "7.80",
"require_min_order": 0,
"service_name": "CJ Century",
"courier_name": "CJ Century Logistics Sdn Bhd",
"dropoff_point": [],
"pickup_point": []
},
{
"rate_id": "EP-RR0914N",

```
"service_detail": "dropoff",
"service_id": "EP-CS09J",
"service_type": "parcel",
"courier_id": "EP-CR0C",
"courier_logo": "https://s3-ap-southeast-1.amazonaws.com/easyparcel-static/Public/source/genera
l/img/couriers/DHLeC.jpg",
"scheduled_start_date": "2020-07-21 Tuesday",
"pickup_date": "2020-07-21",
"delivery": "3-5 working day(s)",
"price": "7.30",
"addon_price": "0.00",
"shipment_price": "7.30",
"require_min_order": 0,
"service_name": "DHL eCommerce (Dropoff only)",
"courier_name": "DHL eCommerce",
"dropoff_point": [{
"point_id": "EP-CB02X",
"point_name": "DHL ServicePoint - E3 Farmasi",
"point_contact": "",
"point_addr1": "71",
"point_addr2": "Jalan Bunga Tanjung 6A",
"point_addr3": "Taman Muda",
"point_addr4": "",
"point_postcode": "68000",
"point_city": "Ampang",
"point_state": "sgr",
"start_time": "00:00:00",
"end_time": "00:00:00",
"price": 0
}],
"pickup_point": []
}
],
"pgeon_point": {
"Sender_point": [{
"point_id": "PGEON_P_TA",
"company": "newsplus",
"point_name": "TES-S ALAM (43)",
"point_contact": "355105643",
"point_lat": "3.07191150",
"point_lon": "101.53883690",
"point_addr1": "LOT 20,1ST FLR TESCO SHAH ALAM,",
"point_addr2": "NO 3 JLN AEROBIK 13/43, SEKSYEN 13,",
"point_addr3": "",
"point_addr4": "",
"point_city": "SHAH ALAM",
"point_state": "sgr",
"point_postcode": "40100",
"price": "0.00"
}],
"Receiver_point": [{
"point_id": "PGEON_P_RP",
"company": "newsplus",
```

```
"point_name": "RKL-AMP PARK (271)",
"point_contact": "327111975",
"point_lat": "3.15987000",
"point_lon": "101.71910000",
"point_addr1": "AMPANG PARK STATION (UNDERGROUND),",
"point_addr2": "JLN AMPANG,",
"point_addr3": "",
"point_addr4": "",
"point_city": "KUALA LUMPUR",
"point_state": "kul",
"point_postcode": "50450",
"price": "0.00"
}]
"cod_service_available": true,
"cod_service_min_cod_amount": "5",
"cod_service_max_cod_amount": "2000",
"cod_charges_calculation": {
"min": "5",
"rate": "0.025",
"type": "percentage"
}
}
}
] }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key",
"result":[

] }
```

Making Order
The authenticated user can make single order at EasyParcel. User need to make sure the courier service is available.

URL
For Live : https://connect.easyparcel.my/?ac=EPSubmitOrderBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPSubmitOrderBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
weight	double(8,2)	Yes	The weight of the parcel.
width	double(8,2)	Optional	The width of the parcel.
length	double(8,2)	Optional	The length of the parcel.
height	double(8,2)	Optional	The height of the parcel.
content	string(35)	Yes	The content of the parcel.
value	double(8,2)	Yes	The amount of the items.
service_id	string(10)	Yes	Obtain from EPRateChecking return value.
pick_point	string(35)	Yes / Optional	Obtain from EPRateChecking return value (point_id) from pgeon_point or (point_id) from Dropoff_Point. This field is required when you choose for Pgeon Delivery and must choose from Sender_point.
pick_name	string(35)	Yes	Sender's name.
pick_company	string(35)	Optional	Sender's company.
pick_contact	string(16)	Yes	Sender's contact.
pick_mobile	string(16)	Optional	Sender's mobile.
pick_addr1	string(35)	Yes	Sender's address line 1.
pick_addr2	string(35)	Optional	Sender's address line 2.
pick_addr3	string(35)	Optional	Sender's address line 3.
pick_addr4	string(35)	Optional	Sender's address line 4.
pick_city	string(35)	Yes	Sender's city.
pick_state	string(35)	Yes	Sender’s state.
pick_code	string(10)	Yes	Sender's postcode.
pick_country	string(35)	Yes	Sender's country. (Refer to Appendix II)

send_point	string(35)	Yes / Optional	Obtain from EPRateCheckingBulk return value (point_id) from pgeon_point This field is required when you choose for Pgeon Delivery and must choose from Receiver_point.
send_name	string(35)	Yes	Receiver's name.
send_company	string(35)	Optional	Receiver's company.
send_contact	string(16)	Yes	Receiver's contact.
send_mobile	string(16)	Optional	Receiver's mobile.
send_addr1	string(35)	Yes	Receiver's address line 1.
send_addr2	string(35)	Optional	Receiver's address line 2.
send_addr3	string(35)	Optional	Receiver's address line 3.
send_addr4	string(35)	Optional	Receiver's address line 4.
send_city	string(35)	Yes	Receiver's city.
send_state	string(35)	Yes	Receiver’s state.
send_code		Yes	Receiver's postcode.
send_country	string(35)	Yes	Receiver's country. (Refer to Appendix II)
collect_date	date	Yes	Check the available pickup date. If didn't put the date,today date will be default. Format : “YYYY-MM-DD”
sms	boolean	Yes	Require for sms feature (Example, true/false)
send_email	string(35)	Yes	Receiver’s email.
hs_code	string(20)	Optional	Hs code is a common standard worldwide for describing the type of commodity that is shipped
REQ_ID	string(100)	Optional	The reference for easier track back from Response (Refer to Response L2)
reference	string(25)	Optional	The parcel reference
cod_enabled	boolean	Optional	The parcel is COD parcel. (true / false) *Only Applicable for Courier Services which support COD, Refer to Rate Checking.
cod_amount	double(8,2)	Optional	The COD amount to be collected. Please refer to RateChecking for the minimum and maximum amount.
tax_duty	string(10)	Optional	DDU or DDP
parcel_category_id	string(10)	Optional	The parcel category id (Refer to Get Parcel Category)

addon_insurance_enabled	boolean	Optional	The parcel is to whether purchase additional insurance. To purchase additional insurance the parcel value must be above basic insurance coverage (Refer to RateChecking Result for the value. To purchase additional insurance, parcel category ID is a must.
addon_whatsapp_tracking_enabled	boolean	Optional	The parcel is to whether purchase WhatsApp tracking. The receiver phone must be valid for the WhatsApp tracking to be received

Response/ Return Value L1

Return Value	**Type**	**Description**	**Remarks**
result	array	Result for making order	(Refer to Response L2)
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)

Response/ Return Value L2

Return Value	**Type**	**Description**	**Remarks**
REQ_ID	string(100)	The reference pass back from Request	
parcel_number	string(12)	The response of the parcel placed.	
order_number	string(12)	The response of the order placed.	
price	double(8,2)	Order total price inclusive of all charges	
status	string(10)	The status of the orders made.	Fail / Success
remarks	string(100)	The error message for orders made.	
courier	string(35)	The courier selected of the shipment	
cod_charges	double(8,2)	The COD charges that will be charged for COD parcels.	
insurance_charges	double(8,2)	The Addon Insurance Charges	The Addon Insurance Charges is calculated based and returned accordingly.
max_insurance_coverage	double(8,2)	The Amount Maximum Claimable Under Insurance	The maximum amount claimable under the shipment order made. Terms and Conditions Apply.
shipment_price	double(8,2)	The Shipment Charges Only	

addon_whatsapp_tracking_charges	double(8,2)	The WhatsApp Tracking Charges Only	

Example Code

```
 <?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPSubmitOrderBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(array(
'weight' => '1',
'width' => '1',
'length' => '1',
'height' => '1',
'content' => 'book',
'value' => '10',
'service_id' => 'EP-CS0W',
'pick_point' => '',
'pick_name' => 'Yong Tat',
'pick_company' => 'Yong Tat Sdn Bhd',
'pick_contact' => '0123456789',
'pick_mobile' => '0123456789',
'pick_addr1' => 'ppppp46/7 adfa',
'pick_addr2' => 'test',
'pick_addr3' => '',
'pick_addr4' => '',
'pick_city' => 'city',
'pick_state' => 'png',
'pick_code' => '11950',
'pick_country' => 'MY',
'send_point' => '',
'send_name' => 'sam',
'send_company' => '',
'send_contact' => '0122134567',
'send_mobile' => '0122134567',
'send_addr1' => 'ssssadsasdst test',
'send_addr2' => 'test test',
'send_addr3' => '',
'send_addr4' => '',
'send_city' => 'send city',
'send_state' => 'png','send_code' => '11950',
'send_country' => 'MY',
'collect_date' => '2020-02-20',
'sms' => '0',
'send_email' => 'xxxxxx@hotmail.com',
'hs_code' => 'yshs_code',
'REQ_ID' => 'shipping # 1',
'reference' => 'order12321',
'cod_enabled' => true,
'cod_amount' => '10.00',)
,)
```

```
,);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"result":[
{
"REQ_ID":"shipping # 1",
"parcel_number":"EP-PQKTE",
"order_number":"EI-5UFAI",
"price":"6.10",
"status":"Success",
"remarks":"Order Successfully Placed.",
"courier":"Skynet"
}
],
"api_status":"Success",
"error_code":"0",
"error_remark":"" }
```


Response Fail Code


```
{
"result":[

],
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key" }
```

Making Order Payment

This step involves payment for the orders made. The authenticated user can do single order payment. Single order payment refers to payment for a single parcel only. There are various payment conditions that may appear such as insufficient credit (when user's account do not have sufficient credit to perfom payment), sufficient credit (when there are sufficient credit for payment) and etc.

URL

For Live : https://connect.easyparcel.my/?ac=EPPayOrderBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPPayOrderBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
order_no	string(15)	Yes	Acquire from the order that placed.

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)
result	array	The response of the make order payment	(Refer to Response L2)

Response/ Return Value L2

Return Value	Type	Description	Remarks
orderno	string(15)	Valid order number.	Valid and authenticated.
messagenow	string(50)	The message that shows the status of order.	
parcel	array	The details of the parcel.	(Refer to Response L3)

Response/ Return Value L3

Return Value	Type	Description	Remarks
parcelno	string (15)	Parcel number.	
awb	string (45)	Airway bill number.	
awb_id_link	string (300)	PDF link of Airway bill number.	
tracking_url	string (300)	Link of tracking url.	

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPPayOrderBulk";
```

```
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'order_no' => 'EI-5UFAI',
),
),
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"api_status":"Success",
"error_code":"0",
"error_remark":"",
"result":[
{
"orderno":"EI-5UFAI",
"messagenow":"Fully Paid",
"parcel":[
{
"parcelno":"EP-PQKTE",
"awb":"238770015234",
"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&amp;id=QmIxTE43
eHQjMTYzMDQwMTI%3D",
"tracking_url":"https:\/\/easyparcel.com\/my\/en\/track\/details\/?courier=Skynet&amp;awb=238770015
234"
}
]
}
] }
```


Response Fail Code


```
{
"api_status": "Success",
"error_code": "0",
"error_remark": "",
```

```
"result": [
{
"orderno": "EI-5UFAI",
"messagenow": "Insufficient Credit",
"parcel": [
{}
]
}
] }
```

Checking Order Status
Get order status by using order number is the recommended call to use for management. Use this call to retrieve all orders in which the authenticated caller.

URL
For Live : https://connect.easyparcel.my/?ac=EPOrderStatusBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPOrderStatusBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
order_no	string(15)	Yes	Acquire from the order that placed.

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)
result	array	The result for order status, if status is Success	(Refer to Response L2)

Response/ Return Value L2

Return Value	Type	Description	Remarks
status	string(10)	The status of the orders made.	Fail / Success.
remarks	string(100)	The message for orders made.	
order_no	string(15)	Order number.	
order_status	string(25)	The status of your order.	Cancel / Waiting Payment / Paid / Partial Payment / Undefined Status
order_payable	string(10)	The order that can pay.	True / False

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPOrderStatusBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'order_no' => 'EI-AAGWD',
),
array(
```

```
'order_no' => 'EI-AAGWD',
),
),
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"api_status":"Success",
"error_code":"0",
"error_remark":"",
"result":[
{
"status":"Success",
"remarks":"Correct Order_no",
"order_no":"EI-AAGWD",
"order_status":"Paid",
"order_payable":"False"
},
{
"status":"Success",
"remarks":"Correct Order_no",
"order_no":"EI-AAGWD",
"order_status":"Paid",
"order_payable":"False"
}
] }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key",
"result":[

] }
```

Checking Parcel Status
Get parcel status by using order number is the recommended call to use for checking the shipment. Use this call to retrieve parcel details.

URL
For Live : https://connect.easyparcel.my/?ac=EPParcelStatusBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPParcelStatusBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
order_no	string(15)	Yes	Acquire from the order that placed.

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)
result	array	The result for parcel status, if status is Success	(Refer to Response L2)

Response/ Return Value L2

Return Value	Type	Description	Remarks
status	string(10)	The status of the orders made.	
remarks	string(100)	The message for orders made.	
order_no	string(15)	Order number.	
parcel	array	The result for parcel status, if status is Success	(Refer to Response L3)

Response/ Return Value L3

Return Value	Type	Description	Remarks
parcel_number	string(15)	The number of the parcel.	

ship_status	string(45)	The status of the shipment.	Cancel / Waiting Payment / Pending For Collection / Collected / Returned / Delivering(in transit) / Successfully Delivered / Schedule In Arrangement / On Hold / Expired (Unpaid) / Cancel By Admin / Pending for Drop Off / Parcel Drop Off at Point / Parcel has been collected / Other Status
awb	string(45)	awb number.	Empty if null.
awb_id_link	string(300)	The URL link of the awb	Downloadable PDF file

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPParcelStatusBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'order_no' => 'EI-AAGWD',
),
array(
'order_no' => 'EI-AAGWD',
),
),
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code

```
{
"api_status":"Success",
"error_code":"0",
"error_remark":"",
"result":[
{
"status":"Success",
"remarks":"Correct Order_no",
"order_no":"EI-AAGWD",
"parcel":[
{
"parcel_number":"EP-AOBH3",
"ship_status":"Schedule In Arrangement",
"awb":"238725129086",
"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&amp;id=QmIxTE43eHQ
jMTUyNzc4Mw%3D%3D"
}
]
},
{
"status":"Success",
"remarks":"Correct Order_no",
"order_no":"EI-AAGWD",
"parcel":[
{
"parcel_number":"EP-AOBH3",
"ship_status":"Schedule In Arrangement",
"awb":"238725129086",
"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&amp;id=QmIxTE43eHQ
jMTUyNzc4Mw%3D%3D"
}
]
}
] }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key",
"result":[

] }
```

Tracking Parcel Details
Track the shipment status using airway bill number.

URL
For Live : https://connect.easyparcel.my/?ac=EPTrackingBulk
For Demo : http://demo.connect.easyparcel.my/?ac=EPTrackingBulk

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
awb_no	string(25)	Yes	Generate automatically after the payment.

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	(Refer to Appendix I)
error_code	int(5)	Error code	(Refer to Appendix I)
error_remark	string(100)	Error message	(Refer to Appendix I)
result	array	Result of tracking	(Refer to Response L2)

Response/ Return Value L2

Return Value	Type	Description	Remarks
status_list	array	The result for trackings.	(Refer to Response L3)
latest_status	string(45)	The status of the shipment from courier partners.	
latest_update	string(45)	Show the date and time.	
awb	string(45)	Airway bill number.	

Response/ Return Value L3

Return Value	Type	Description	Remarks
status	string(45)	The status of the shipment. (standardised)	
sender	string(45)	The name of the sender	
receiver	string(45)	The name of the receiver	

Response/ Return Value L4

Return Value	Type	Description	Remarks
event_date	date	Show date.	

event_time	time	Show time.	
status	string(150)	The status of the shipment from courier partners.	
ep_status	string(100)	The shipment status from EasyParcel.	
ep_status_code	int(2)	The status code of shipment status from EasyParcel. (correspond to ep_status)	1 : Schedule In Arrangement, 2 : To Be Collected, 3 : Collected, 4 : Delivery In Transit / On Hold, 5 : Delivered / Returned
location	string(100)	Track the location of the parcel.	

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPTrackingBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'awb_no' => '238725129086',
),
array(
'awb_no' => '238725129086',
),
),
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code

```
{
"api_status":"Success",
```

```
"error_code":"0",
"error_remark":"",
"result":[
{
"status_list":{
"0":{
"event_date":"2017-10-28",
"event_time":"11:40 AM",
"status":"Deliverd",
"location":"Penang"
},
"1":{
"event_date":"2017-06-28",
"event_time":"11:40 AM",
"status":"Parcel has been collected at Penang",
"location":"Penang"
},
"status":"",
"sender":"Yong Tat",
"receiver":"Sam"
},
"latest_status":"Deliverd",
"latest_update":"2017-10-28",
"awb":"238725129086"
},
{
"status_list":{
"0":{
"event_date":"2017-10-28",
"event_time":"11:40 AM",
"status":"Deliverd",
"location":"Penang"
},
"1":{
"event_date":"2017-06-28",
"event_time":"11:40 AM",
"status":"Parcel has been collected at Penang",
"location":"Penang"
},
"status":"",
"sender":"Yong Tat",
"receiver":"Sam"
},
"latest_status":"Deliverd",
"latest_update":"2017-10-28",
"awb":"238725129086"
}
] }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
```

"error_remark":"Required api key",
"result":[

] }

Check Credit Balance
This allow you check currently user balance.

URL
For Live : https://connect.easyparcel.my/?ac=EPCheckCreditBalance
For Demo : http://demo.connect.easyparcel.my/?ac=EPCheckCreditBalance

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.

Response/ Return Value L1

Return Value	Type	Description	Remarks
result	double(8,2)	Account Balance	
api_status	string(10)	API execute status	(Refer to Appendix I)
error_code	int(5)	API error code	(Refer to Appendix I)
error_remark	string(100)	API error remarks	(Refer to Appendix I)

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPCheckCreditBalance";
$postparam = array(
'api' => 'xxxxxx',
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code

```
{
"result":"99999755.99",
"api_status":"Success",
"error_code":"0",
"error_remark":"" }
```

Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key" }
```

Domestic Express Order
This endpoint is designed to direct create order + payment at EasyParcel. Currently it is limited within Domestic (Malaysia) shipping delivery.

URL
For Live : https://connect.easyparcel.my/?ac=EPSubmitOrderBulkV3
For Demo : http://demo.connect.easyparcel.my/?ac=EPSubmitOrderBulkV3

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.
courier	array	Yes	Courier List : 'Pgeon Prime', 'Pgeon Delivery', 'Poslaju', 'Skynet', 'ABX', 'DHL eCommerce', 'Aramex', 'CJ Century', 'UTS', 'ULTIMATE CONSOLIDATORS' If the first courier is not available, it will select the next available courier in the array
dropoff	int(1)	Optional	Require for dropoff service. Value: 0,1 (e.g, 1 = true/ 0 =false[Default])
bulk	array	Yes	(Refer to Request L2)

HTTP POST Request L2

Name	Type	Required	Description
referrence	string	Yes	Require identifier of vendor’s order
weight	double(8,2)	Yes	The weight of the parcel.
content	string(35)	Yes	The content of the parcel.
value	double(8,2)	Yes	The amount of the items.
pick_name	string(35)	Yes	Sender's name.
pick_company	string(35)	Optional	Sender's company.
pick_contact	string(16)	Yes	Sender's contact.
pick_mobile	string(16)	Optional	Sender's mobile.
pick_addr1	string(35)	Yes	Sender's address line 1.
pick_addr2	string(35)	Optional	Sender's address line 2.
pick_addr3	string(35)	Optional	Sender's address line 3.
pick_addr4	string(35)	Optional	Sender's address line 4.
pick_city	string(35)	Yes	Sender's city.
pick_state	string(35)	Yes	Sender’s state. (Refer to Appendix III)
pick_code	string(10)	Yes	Sender's postcode.
pick_country	string(35)	Yes	Sender's country. Refer to ISO 3166-2
send_name	string(35)	Yes	Receiver's name.
send_contact	string(16)	Yes	Receiver's contact.
send_mobile	string(16)	Optional	Receiver's mobile.

send_addr1	string(35)	Yes	Receiver's address line 1.
send_addr2	string(35)	Optional	Receiver's address line 2.
send_addr3	string(35)	Optional	Receiver's address line 3.
send_addr4	string(35)	Optional	Receiver's address line 4.
send_city	string(35)	Yes	Receiver's city.
send_state	string(35)	Yes	Receiver's state. (Refer to Appendix III)
send_code	string(10)	Yes	Receiver's postcode.
send_country	string(35)	Yes	Receiver's country. Refer to ISO 3166-2
collect_date	date	Optional	Check the available pickup date. If didn't put the date, available date will be auto assign as default. Format : "YYYY-MM-DD"
send_email	string	Yes	Receiver's email.
sms	boolean	Optional	Require for sms feature, Value: 0,1 (e.g, 1 = true/ 0 =false[Default])

Response/ Return Value L1

Return Value	**Type**	**Description**	**Remarks**
api_status	string	Validation result	(Refer to Appendix I)
error_code	int	Error code	(Refer to Appendix I)
error_remark	string	Error message	(Refer to Appendix I)
result	array	Result for make order	(Refer to Response L2)

Response/ Return Value L2

Return Value	**Type**	**Description**	**Remarks**
summary	object	Summary of Result	(Refer to Response L3)
success	array	Success order	(Refer to Response L4)
fail	array	Fail order with reason	(Refer to Response L5)

Response/ Return Value L3

Return Value	**Type**	**Description**	**Remarks**
courier_service	array	The response of courier selected from order	
orders_number	array	The response of the order number placed.	
total_paid_amount	double(8,2)	Total of order price	
total_success	int	Total of success order	
total_fail	int	Total of fail order	

Response/ Return Value L4

Return Value	**Type**	**Description**	**Remarks**

referrence	string	The reference pass back from Request	
status	string	The status of the orders made.	
remarks	string	The error message for orders made.	
order_number	string	The response of the order number placed.	
courier	string	The response of the courier full name	
courier_short	string	The response of the courier shot name	
price	double(8,2)	shipping price of this parcel	shipping + tax + addon
tax	double(8,2)	tax amount	
addon_price	double(8,2)	add on price	Setting on easyparcel website - marketing tools
parcel_number	string	The response of the parcel number placed.	
awb	string	Airway bill number / Tracking Number	
awb_id_link	string	PDF link of Airway bill number.	consignment note
tracking_url	string	Link of tracking url.	

Response/ Return Value L5

Return Value	**Type**	**Description**	**Remarks**
referrence	string	The reference pass back from Request	
status	string	The status of the orders made.	
remarks	string	The error message for orders made.	

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPSubmitOrderBulkV3";
$postparam = array(
'api' => 'xxxxxx',
'courier' => array('Poslaju'),
'dropoff' => '0',
'bulk' => array(
array(
'referrence' => 'item1',
'weight' => '1',
'content' => '2017-09-14 - book',
'value' => '20',
'pick_name' => 'Yong Tat',
'pick_company' => 'Yong Tat Sdn Bhd',
'pick_contact' => '+6012-1234-5678',
'pick_mobile' => '+6017-1234-5678',
```

```
'pick_addr1' => 'ppppp46/7 adfa',
'pick_addr2' => 'test',
'pick_addr3' => 'test',
'pick_addr4' => '',
'pick_city' => 'png',
'pick_state' => 'png',
'pick_code' => '14300',
'pick_country' => 'MY',
'send_name' => 'Sam',
'send_contact' => '+6012-2134567',
'send_mobile' => '+6017-1234-5678',
'send_addr1' => 'ssssadsasdst test',
'send_addr2' => 'test test',
'send_addr3' => 'test',
'send_addr4' => '',
'send_city' => 'png',
'send_state' => 'png',
'send_code' => '11950',
'send_country' => 'MY',
'collect_date' => '2020-03-16',
'send_email' => 'xxxxxx@hotmail.com',
'sms' => '0',
),
),
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"api_status":"Success",
"error_code":0,
"error_remark":"",
"result":{
"summary":{
"courier_service":[
"POSLAJU NATIONAL COURIER"
],
```

```
"orders_number":[
"EI-5UF8T"
],
"total_paid_amount":"8.15",
"total_success":1,
"total_fail":0
},
"success":[
{
"referrence":"item1",
"status":"Success",
"remarks":"Order Successfully Placed And Paid.",
"order_number":"EI-5UF8T",
"courier":"POSLAJU NATIONAL COURIER",
"courier_short":"Pos Laju",
"price":"8.00",
"tax":"0.00",
"addon_price":"0.15",
"parcel_number":"EP-PXUIB",
"awb":"ER665997516MY",
"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&amp;id=b0VYQjhEMW4
jMTc0OTc4MzA%3D",
"tracking_url":"https:\/\/easyparcel.com\/my\/en\/track\/details\/?courier=Poslaju&amp;awb=ER66
5997516MY"
}
],
"fail":[

]
} }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":3,
"error_remark":"Required api key",
"result":{
"summary":[

],
"success":[

],
"fail":[

]
} }
```

Get Parcel Category
This endpoint is designed to get the parcel category id for orders

URL
For Live : https://connect.easyparcel.my/?ac=EPGetParcelCategory
For Demo : http://demo.connect.easyparcel.my/?ac=EPGetParcelCategory

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from registered account.

Response/ Return Value L1

Return Value	Type	Description	Remarks
api_status	string(10)	Validation result	
error_code	int(5)	Error code	
error_remark	string(100)	Error message	
result		Result for making order	

Response/ Return Value L2

Return Value	Type	Description	Remarks
parcel_category_id	int(5)	used when creating order with tax and duty	
parcel_category	string(100)	parcel description	

Example Code

```
<?php
$domain = "https://demo.connect.easyparcel.my/?ac=";

$action = "EPGetParcelCategory";
$postparam = array(
'api' => 'xxxxxx',
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"api_status":"Success",
"error_code":"0",
"error_remark":"",
"result":[
{
"parcel_category_id":1,
"parcel_category":"Bags &amp;amp; Luggages"
},
{
"parcel_category_id":2,
"parcel_category":"Board Games"
},
{
"parcel_category_id":4,
"parcel_category":"Cameras"
},
{
"parcel_category_id":5,
"parcel_category":"Books"
},
{
"parcel_category_id":9,
"parcel_category":"Gaming"
},
{
"parcel_category_id":11,
"parcel_category":"Home Appliances"
},
{
"parcel_category_id":12,
"parcel_category":"Home Decor"
},
{
"parcel_category_id":13,
"parcel_category":"Jewelry"
},
{
"parcel_category_id":15,
"parcel_category":"Pet Accessory"
},
{
"parcel_category_id":17,
"parcel_category":"Sport &amp;amp; Leisure"
},
{
"parcel_category_id":19,
"parcel_category":"Toys"
},
{
"parcel_category_id":20,
"parcel_category":"Watches"
```

```
},
{
"parcel_category_id":21,
"parcel_category":"Automotive Accessories"
},
{
"parcel_category_id":22,
"parcel_category":"Document"
},
{
"parcel_category_id":23,
"parcel_category":"Bird\u2019s Nest"
},
{
"parcel_category_id":24,
"parcel_category":"Computers And Parts \/ Telecommunication Parts And Equipments"
},
{
"parcel_category_id":25,
"parcel_category":"Food Enhancers\/Stabilizers\/Supplements"
},
{
"parcel_category_id":26,
"parcel_category":"Perishable Food"
},
{
"parcel_category_id":27,
"parcel_category":"Non Perishable Food"
},
{
"parcel_category_id":28,
"parcel_category":"Fashion And Accessories"
},
{
"parcel_category_id":29,
"parcel_category":"Cosmetic And Beauty Product"
},
{
"parcel_category_id":30,
"parcel_category":"Pesticides"
},
{
"parcel_category_id":31,
"parcel_category":"Health Supplements"
},
{
"parcel_category_id":32,
"parcel_category":"Plant"
},
{
"parcel_category_id":33,
"parcel_category":"Accessories"
},
```

```
{
"parcel_category_id":34,
"parcel_category":"Bag"
},
{
"parcel_category_id":35,
"parcel_category":"Face Mask"
},
{
"parcel_category_id":36,
"parcel_category":"Garments"
},
{
"parcel_category_id":37,
"parcel_category":"Gifts"
},
{
"parcel_category_id":38,
"parcel_category":"Household Products"
},
{
"parcel_category_id":39,
"parcel_category":"Printed Material"
},
{
"parcel_category_id":40,
"parcel_category":"Snacks"
},
{
"parcel_category_id":41,
"parcel_category":"Pillow"
},
{
"parcel_category_id":42,
"parcel_category":"Shoes"
},
{
"parcel_category_id":43,
"parcel_category":"Toiletries"
},
{
"parcel_category_id":44,
"parcel_category":"Kitchenware"
}
] }
```


Response Fail Code


```
{
"api_status":"Error",
"error_code":"3",
"error_remark":"Required api key",
"result":[
```

```
]}
```

Get Insurance Rate
This enables users to check the insurance rates from specific courier companies on the EasyParcel platform. Users are required to fill in the necessary fields to access the insurance rate information.

URL
For Live : https://connect.easyparcel.my/?ac=EPInsuranceRateChecking
For Demo : http://demo.connect.easyparcel.my/?ac=EPInsuranceRateChecking

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from a registered account.
awb	string(100)	Yes	Tracking number of the parcel
parcel_content_value	double(8,2)	Yes	Parcel pricing
courier	string(25)	Yes	Shipment courier. (Refer to Appendix IV)
coll_country	string(5)	Yes	Sender's country. (Refer to Appendix II)
deli_country	string(5)	Yes	Receiver's country. (Refer to Appendix II)
coll_state	string(25)	Yes	Sender's state. (Refer to Appendix III)
deli_state	string(25)	No	Receiver’s state, if deli_courtery is MY , will be required

Response/ Return Value L1

Return Value	Type	Description	Remarks
result	object	Result for rate checking	(Refer to Response L2)
error_code	int(5)	Error Code	(Refer to Appendix I)
error_remark	string(100)	Error Message	(Refer to Appendix I)
error_detail	object	Error Details	
status	string(10)	Get rate status is Success / Fail	
api_status	string(10)	API Validation result	(Refer to Appendix I)

Response/ Return Value L2

Return Value	Type	Description	Remarks
awb	string(25)	The Air Waybill (AWB) number.	
courier	string(100)	The name of the courier.	
parcel_content_value	double(8,2)	The declared value of the parcel content.	
insurance_amount	double(8,2)	The quoted amount for insurance coverage.	
parcel_delivery_type	string(100)	Type of parcel delivery	domestic / international.

Example Code

```
<?php
$domain = "http://demo.connect.easyparcel.my/?ac=";

$action = "EPInsuranceRateChecking";
$postparam = array(
'api' => 'xxxxxx',
```

```
'awb' => 'TestingAWB',
'parcel_content_value' => '390',
'courier' => 'EP-CR05',
'coll_country' => 'MY',
'deli_country' => 'MY',
'coll_state' => 'srw',
'deli_state' => 'srw',
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"result": {
"awb": "TestingAWB",
"courier": "Skynet",
"parcel_content_value": "390",
"insurance_amount": 9.75,
"parcel_delivery_type": "Domestic"
},
"status": "Success",
"error_code": 0,
"error_remark": "",
"error_detail": "",
"api_status": "Success" }
```


Response Fail Code


```
{
"result":[

],
"status":"",
"error_code":"3",
"error_remark":"Required api key",
"api_status":"Error" }
```

Purchase Insurance

This step involves both ordering and making payments for the orders placed. Authenticated users can make single insurance order payments. Single order payment specifically refers to the payment for a single parcel. Various payment conditions may arise, such as insufficient credit (when the user account lacks sufficient funds for payment) or sufficient credit (when there are adequate funds available for payment).

URL

For Live : https://connect.easyparcel.my/?ac=EPInsurancePurchase
For Demo : http://demo.connect.easyparcel.my/?ac=EPInsurancePurchase

HTTP POST Request L1

Name	Type	Required	Description
api	string(25)	Yes	Obtain from a registered account.
awb	string(25)	Yes	The Air Waybill (AWB) number.
parcel_content_value	double(8,2)	Yes	The declared value of the parcel content.
courier	string(25)	Yes	Shipment courier. (Refer to Appendix IV)
coll_country	string(2)	Yes	The country code of the collection address, limited to 'MY' or 'SG'.
deli_country	string(2)	Yes	Receiver country code.Refer to ISO 3166-2
coll_state	string(35)	Yes	Sender’s state. (Refer to Appendix III)
deli_state	string(35)	Yes	Receiver state.
parcel_category_id	int(2)	Yes	The parcel category id (Refer to Get Parcel Category API)
parcel_content	string(35)	Yes	The content of the parcel.
parcel_content_type	string(8)	Yes	The type of parcel content, limited to 'document' or 'parcel'.
parcel_content_currency_code	string(3)	Yes	The currency code of the parcel content.
parcel_content_weight	double(8,2)	Yes	The weight of the parcel content.
coll_name	string(35)	Yes	Sender name.
coll_company	string(35)	No	Sender company
coll_mobile_code	string(2)	Yes	Sender mobile country mobile , eg: 60
coll_mobile	string(16)	Yes	Sender mobile number
coll_alternative_mobile_code	string(2)	No	Sender alternative mobile country mobile , eg: 60
coll_alternative_mobile	string(16)	No	Sender alternative mobile number
coll_email	string(35)	No	Sender email
deli_name	string(35)	Yes	Receiver name.
deli_company	string(35)	No	Receiver company name.
deli_mobile_code	string(2)	Yes	Receiver mobile country mobile , eg: 60

deli_mobile	string(35)	Yes	Receiver mobile number.
deli_alternative_mobile_code	string(2)	No	Receiver alternative mobile country mobile , eg: 60
deli_alternative_mobile	string(35)	No	Receiver alternative mobile number.
deli_email	string(35)	No	Receiver email address.
coll_address_1	string(35)	Yes	Sender's address line 1.
coll_address_2	string(35)	No	Sender's address line 2.
coll_postcode	string(10)	Yes	Sender's postcode.
coll_city	string(35)	Yes	Sender city
deli_address_1	string(35)	Yes	Receiver address line 1.
deli_address_2	string(35)	No	Receiver address line 2.
deli_postcode	string(10)	Yes	Receiver postcode.
deli_city	string(35)	Yes	Receiver city..
shipment_date	date	Yes	The date of the shipment in the format YYYY-MM-DD.

Response/ Return Value L1

Return Value	**Type**	**Description**	**Remarks**
result	array	Result for Purchase Insurance	
status	string(7)	Get rate status is Success / Fail	
error_code	int(5)	Error Code	Refer to Appendix I
error_remark	string(100)	Error Message	Refer to Appendix I
error_detail	object	Error Details	Only show detail when error code under 1001
api_status	string(10)	API Validation result	Refer to Appendix I

Response/ Return Value L2

Return Value	**Type**	**Description**	**Remarks**
email	string(35)	The email address of the login email.	
name	string(35)	The name of the sender.	
payment_number	string(10)	The payment reference number associated with the transaction.	
insurance_amount	decimal(8,2)	The quoted amount for insurance coverage.	
parcel_content_value	decimal(8,2)	The declared value of the parcel content.	
awb	string(25)	The Air Waybill (AWB) number provided for tracking purposes.	

shipment_date	date	The date of shipment for the parcel.	
deli_name	string(35)	Receiver name.	
parcel_content	string(35)	Description or contents of the parcel.	
amount	decimal(8,2)	The total amount associated with the transaction.	
send_email_status	string(100)	The status indicates whether the email notification has been sent.	

Example Code

```
<?php
$domain = "http://demo.connect.easyparcel.my/?ac=";

$action = "EPInsurancePurchase";
$postparam = array(
'api' => 'xxxxxx',
'awb' => 'TESTDomestic',
'parcel_content_value' => '250',
'courier' => 'EP-CR05',
'coll_country' => 'MY',
'deli_country' => 'MY',
'coll_state' => 'png',
'deli_state' => 'png',
'parcel_category_id' => '12',
'parcel_content' => 'testing',
'parcel_content_type' => 'parcel',
'parcel_content_currency_code' => 'MYR',
'parcel_content_weight' => '123',
'coll_name' => '12313',
'coll_company' => 'Testing Company',
'coll_mobile_code' => '60',
'coll_mobile' => '162631234',
'coll_alternative_mobile_code' => '60',
'coll_alternative_mobile' => '123456789',
'coll_email' => 'test@easyparcel.com',
'deli_name' => 'Receiver Testing',
'deli_company' => 'Receiver Testing Company',
'deli_mobile_code' => '60',
'deli_mobile' => '123456789',
'deli_alternative_mobile_code' => '',
'deli_alternative_mobile' => '',
'deli_email' => 'receiver@easyparcel.com',
'coll_address_1' => 'testing',
'coll_address_2' => 'testing 2',
'coll_postcode' => '11950',
'coll_city' => 'penang',
'deli_address_1' => 'test receiver',
'deli_address_2' => 'test receiver 2',
'deli_postcode' => '11950',
'deli_city' => 'penang',
```

```
'shipment_date' => '2024-05-11',
);

$url = $domain.$action;
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postparam));
curl_setopt($ch, CURLOPT_HEADER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);

ob_start();
$return = curl_exec($ch);
ob_end_clean();
curl_close($ch);

$json = json_decode($return);
echo "<pre>"; print_r($json); echo "</pre>";
?>
```

Response Success Code


```
{
"result":{
"email":"test@easyparcel.com",
"name":"12313",
"payment_number":"EC-HXELB",
"insurance_amount":6.25,
"parcel_content_value":"250",
"awb":"TESTDomestic",
"shipment_date":"2024-05-11T00:00:00.000Z",
"deli_name":"Receiver Testing",
"parcel_content":"testing",
"amount":6.25,
"send_email_status":"email sent"
},
"status":"Success",
"error_code":0,
"error_remark":"",
"error_detail":"",
"api_status":"Success" }
```


Response Fail Code


```
{
"result":[

],
"status":"",
"error_code":"3",
"error_remark":"Required api key",
"api_status":"Error" }
```

Appendix I (API Return Status)

api_status	error_code	error_remark	Explanation
Success	0		
Error	1	Required authentication key	Missing authentication param
Error	2	Invalid authentication key	
Error	3	Required api key	Missing API key param
Error	4	Invalid api key	
Error	5	Unauthorized user	Invalid API key
Error	6	Required bulk array	
Error	7	Required bulk data insert format in array	
Error	8	Invalid account	
Error	9	Unverified account. Please	kindly verify your account at easy
Error	1000	Missing / Invalid Parameter	If a required parameter is missing
Error	1002	Invalid User Account	The user does not have a wallet a
Error	1003	Invalid parcel category, you	Invalid parcel category, you can g
Error	1004	Invalid collection/ delivery postcode	
Error	1005	Invalid collection/delivery state	If the value is "Pulau Penan
Error	1006	Invalid courier	Incorrect Courier code
Error	3001	Shipment insured	This tracking number has previou
Error	3002	Shipment delivered	The status of this tracking numbe
Error	3003	Not under claim coverage	The courier insurance provides c
Error	3004	Only support international/domestic shipment	For example, Fedex only support
Error	3005	No Cover	If the collection state or delivery l
Error	9999	Unknown error	If this error occurs, please contac

Appendix II (Country Code List)

Short Country Name	Full Country Name
SR	SURINAME
SD	SUDAN
VC	ST. VINCENT
XM	ST. MAARTEN
LC	ST. LUCIA
KN	ST. KITTS
XE	ST. EUSTATIUS
BL	ST. BARTHELEMY
LK	SRI LANKA
ES	SPAIN
ZA	SOUTH AFRICA
XS	SOMALILAND (NORTH SOMALIA)
SO	SOMALIA
SB	SOLOMON ISLANDS
SI	SLOVENIA
SK	SLOVAKIA
SG	SINGAPORE

SL	SIERRA LEONE
SC	SEYCHELLES
RS	SERBIA
SN	SENEGAL
SA	SAUDI ARABIA
ST	SAO TOME AND PRINCIPE
SM	SAN MARINO
WS	SAMOA
MP	SAIPAN
RW	RWANDA
RU	RUSSIAN FEDERATION
RO	ROMANIA
RE	REUNION
QA	QATAR
PR	PUERTO RICO
PT	PORTUGAL
PL	POLAND
PH	PHILIPPINES
PE	PERU
PY	PARAGUAY
PG	PAPUA NEW GUINEA
PA	PANAMA
PW	PALAU
PK	PAKISTAN
OM	OMAN
NO	NORWAY
NU	NIUE
NG	NIGERIA
NE	NIGER
NI	NICARAGUA
NZ	NEW ZEALAND
NC	NEW CALEDONIA
XN	NEVIS
NL	NETHERLANDS
NP	NEPAL
NR	NAURU
NA	NAMIBIA
MM	MYANMAR
MA	MOROCCO
MS	MONTSERRAT
ME	MONTENEGRO
MN	MONGOLIA
MC	MONACO
MD	MOLDOVA, REPUBLIC OF

FM	MICRONESIA, FEDERATED STATES OF
MX	MEXICO
YT	MAYOTTE
MU	MAURITIUS
MR	MAURITANIA
MQ	MARTINIQUE
MH	MARSHALL ISLANDS
MT	MALTA
ML	MALI
MV	MALDIVES
MW	MALAWI
MY	MALAYSIA
MG	MADAGASCAR
MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
MO	MACAU
LU	LUXEMBOURG
LT	LITHUANIA
LI	LIECHTENSTEIN
LY	LIBYA
LR	LIBERIA
LS	LESOTHO
LB	LEBANON
LV	LATVIA
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
KG	KYRGYZSTAN
KW	KUWAIT
XK	KOSOVO
KR	KOREA, REPUBLIC OF
KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
KI	KIRIBATI
KE	KENYA
KZ	KAZAKHSTAN
JO	JORDAN
JE	JERSEY
JP	JAPAN
JM	JAMAICA
IT	ITALY
IL	ISRAEL
IE	IRELAND
IQ	IRAQ
IR	IRAN, ISLAMIC REPUBLIC OF
ID	INDONESIA
IN	INDIA
IS	ICELAND

HU	HUNGARY
HK	HONG KONG
HN	HONDURAS
HT	HAITI
GY	GUYANA
GW	GUINEA BISSAU
GN	GUINEA REPUBLIC
GG	GUERNSEY
GT	GUATEMALA
GU	GUAM
GP	GUADELOUPE
GD	GRENADA
GL	GREENLAND
GR	GREECE
GI	GIBRALTAR
GH	GHANA
DE	GERMANY
GE	GEORGIA
GM	GAMBIA
GA	GABON
ZW	ZIMBABWE
FR	FRANCE
FI	FINLAND
ZM	ZAMBIA
FJ	FIJI
YE	YEMEN
FO	FAROE ISLANDS
FK	FALKLAND ISLANDS (MALVINAS)
ET	ETHIOPIA
VI	VIRGIN ISLANDS, U.S.
EE	ESTONIA
VG	VIRGIN ISLANDS, BRITISH
ER	ERITREA
GQ	EQUATORIAL GUINEA
SV	EL SALVADOR
EG	EGYPT
VN	VIETNAM
EC	ECUADOR
TP	EAST TIMOR
VE	VENEZUELA
DO	DOMINICAN REPUBLIC
DM	DOMINICA
DJ	DJIBOUTI
VU	VANUATU

DK	DENMARK
CZ	CZECH REPUBLIC
CY	CYPRUS
CU	CUBA
UZ	UZBEKISTAN
UY	URUGUAY
HR	CROATIA
CI	COTE D'IVOIRE
CR	COSTA RICA
CK	COOK ISLANDS
CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
UM	UNITED STATES MINOR OUTLYING ISLANDS
CG	CONGO
KM	COMOROS
CN	CHINA
US	UNITED STATES
GF	FRENCH GUIANA
AN	NETHERLANDS ANTILLES
MZ	MOZAMBIQUE
CW	CURACAO
CO	COLOMBIA
CL	CHILE
TD	CHAD
CF	CENTRAL AFRICAN REPUBLIC
KY	CAYMAN ISLANDS
GB	UNITED KINGDOM
CV	CAPE VERDE
AE	UNITED ARAB EMIRATES
IC	CANARY ISLANDS, THE
CA	CANADA
UA	UKRAINE
CM	CAMEROON
KH	CAMBODIA
UG	UGANDA
BI	BURUNDI
BF	BURKINA FASO
BG	BULGARIA
BN	BRUNEI DARUSSALAM
TV	TUVALU
BR	BRAZIL
TC	TURKS AND CAICOS ISLANDS
TM	TURKMENISTAN
BW	BOTSWANA
BA	BOSNIA AND HERZEGOVINA

BQ	BONAIRE
BO	BOLIVIA
BT	BHUTAN
TR	TURKEY
BM	BERMUDA
TN	TUNISIA
BJ	BENIN
TT	TRINIDAD AND TOBAGO
BZ	BELIZE
TO	TONGA
BE	BELGIUM
TG	TOGO
BY	BELARUS
BB	BARBADOS
BD	BANGLADESH
BH	BAHRAIN
TH	THAILAND
BS	BAHAMAS
TZ	TANZANIA
AZ	AZERBAIJAN
TJ	TAJIKISTAN
AT	AUSTRIA
AU	AUSTRALIA
TW	TAIWAN
PF	TAHITI
AW	ARUBA
AM	ARMENIA
SY	SYRIA
AR	ARGENTINA
AG	ANTIGUA
AI	ANGUILLA
CH	SWITZERLAND
AO	ANGOLA
AD	ANDORRA
SE	SWEDEN
AS	AMERICAN SAMOA
SZ	SWAZILAND
DZ	ALGERIA
AL	ALBANIA
AF	AFGHANISTAN

Appendix III (State Code List)

Short State Name	**Full State Name**
jhr	Johor

kdh	Kedah
ktn	Kelantan
mlk	Melaka
nsn	Negeri Sembilan
phg	Pahang
prk	Perak
pls	Perlis
png	Pulau Pinang
sgr	Selangor
trg	Terengganu
kul	Kuala Lumpur
pjy	Putra Jaya
srw	Sarawak
sbh	Sabah
lbn	Labuan

Appendix IV (Insurance Courier List)

Courier	**Courier Name**
EP-CR0H	KEX Express
EP-CR01	UTS
EP-CR03	Aramex
EP-CR05	Skynet
EP-CR0C	DHLeC
EP-CR0DS	Flash Express
EP-CR0A	Pos Laju
EP-CR0DP	J&T Express
EP-CR0DK	Pickupp
EP-CR0DU	Ninjavan
EP-CR0D3	J&T Cargo
EP-CR0U	TNT
EP-CR0DH	Best Express
EP-CR0D1	City-Link Express
EP-CR0T	FedEx
EP-CR06	Aramex International