

EASYPARCEL INDIVIDUAL API DOCUMENT

1.1.0.0 (MALAYSIA)

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Overview
The EasyParcel 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 : http://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)

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
service_id	string (15)	Service ID	
service_name	string (100)	Service name	
service_type	string (10)	Type of service	parcel/ document
courier_id	string (10)	Courier ID	
courier_name	string (100)	Courier name	
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)	Booking price.	
dropoff_point	array	Drop-off point for it’s courier service	(Refer to Response L6)

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 = "http://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' => 'nt',
'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',
),
),
);

$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":"",
"rates":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"11.80",
"dropoff_point":[
{
"point_id":"SKYNET_AKH",
"point_name":"SKYNET AYER KEROH",
"point_contact":"62316898",
"point_addr1":"SKYNET WORLDWIDE (MELAKA) SDN BHD",
"point_addr2":"653-O, Jalan Delima 3,",
"point_addr3":"Taman Bukit Melaka",
"point_addr4":"",
"point_postcode":"75450",
"point_city":"Bukit Beruang",
"point_state":"mlk",
"price":0
}
]
},
```

```
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"5.90",
"dropoff_point":[

]
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",
"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"5.90",
"dropoff_point":[

]
},
{
"service_id":"EP-CS0AH",
"service_name":"Same Day Delivery Service (within Penang)",
"service_type":"document",
"courier_id":"EP-CR0R",
"courier_name":"DeliverLAH",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/pa
rtners\/DeliverLAH.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"8.80",
"dropoff_point":[

]
},
{
"service_id":"EP-CS0A1",
"service_name":"Same Day Delivery Service (within Penang)",
"service_type":"parcel",
"courier_id":"EP-CR0R",
```

"courier_name":"DeliverLAH",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/partners\/DeliverLAH.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"8.80",
"dropoff_point":[

]
}
],
"pgeon_point":{
"Sender_point":[

],
"Receiver_point":[
{
"point_id":"PGEON_P_E",
"company":"EasyParcel",
"point_name":"EasyParcel",
"point_contact":"174804402",
"point_lat":"5.325768795394115",
"point_lon":"100.28631448745728",
"point_addr1":"1-10-5",
"point_addr2":"Suntech @ Penang Cybercity",
"point_addr3":"Lintang Mayang Pasir 3",
"point_addr4":"",
"point_city":"Bayan Baru",
"point_state":"png",
"point_postcode":"11950",
"price":"0.00"
}
]
}
},
{
"status":"Success",
"remarks":"",
"rates":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/partners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"19.00",
"dropoff_point":[

```
{
"point_id":"SKYNET_AKH",
"point_name":"SKYNET AYER KEROH",
"point_contact":"62316898",
"point_addr1":"SKYNET WORLDWIDE (MELAKA) SDN BHD",
"point_addr2":"653-O, Jalan Delima 3,",
"point_addr3":"Taman Bukit Melaka",
"point_addr4":"",
"point_postcode":"75450",
"point_city":"Bukit Beruang",
"point_state":"mlk",
"price":0
}
]
},
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"19.70",
"dropoff_point":[

]
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",
"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-08 Wednesday",
"pickup_date":"2017-11-08",
"delivery":"Estimated 1 working day(s)",
"price":"60.80",
"dropoff_point":[

]
}
],
"pgeon_point":{
"Sender_point":[

],
"Receiver_point":[
```

```
{
"point_id":"PGEON_P_JJT",
"company":"MAGBIT",
"point_name":"JJ-TEBRAU (260)",
"point_contact":"73542154",
"point_lat":"1.5492148",
"point_lon":"103.7960884",
"point_addr1":"LOT G38, JUSCO TEBRAU CITY SHOPPING CENTRE",
"point_addr2":"NO 1, JLN DESA TEBRAU, TMN DESA TEBRAU,",
"point_addr3":"",
"point_addr4":"",
"point_city":"JOHOR BAHRU",
"point_state":"jhr",
"point_postcode":"81100",
"price":"0.00"
},
{
"point_id":"PGEON_P_TE",
"company":"newsplus",
"point_name":"TES-TEBRAU-F (362)",
"point_contact":"73544627",
"point_lat":"1.5480541",
"point_lon":"103.793553",
"point_addr1":"LOT F20, TESCO DESA TEBRAU,",
"point_addr2":"NO 1,PERSIARAN DESA TEBRAU,TMN DESA TEBRAU,",
"point_addr3":"",
"point_addr4":"",
"point_city":"JOHOR BAHRU",
"point_state":"jhr",
"point_postcode":"81100",
"price":"0.00"
},
{
"point_id":"PGEON_P_JIS",
"company":"JTC Industrial Solutions",
"point_name":"JTC Industrial Solutions",
"point_contact":"102155805",
"point_lat":"1.53524566",
"point_lon":"103.7959137",
"point_addr1":"117-01 Jalan Ros Merah 2\/16,",
"point_addr2":"Taman Johor Jaya",
"point_addr3":"",
"point_addr4":"",
"point_city":"Johor Bahru",
"point_state":"jhr",
"point_postcode":"81100",
"price":"0.00"
}
]
}
}
] }
```

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 : http://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(30)	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(30)	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	string(10)	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	Receiver’s email.
send_email	string(35)	Yes	Require for sms feature (Example, true/false)
hs_code	string(20)	Optional	Hs code is a common standard worldwide for describing the type of commodity that is shipped

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 making order	(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 error message for orders made.	
order_number	string(12)	The response of the order placed.	Failed = 0, Success = (order_number)
price	double(8,2)	Order price	
courier			

Example Code

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

```
$action = "EPSubmitOrderBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'weight' => '1',
'width' => '0',
'length' => '0',
'height' => '0',
'content' => '2017-09-14 - book',
'value' => '20',
'service_id' => 'EP-CS0W',
'pick_point' => 'PGEON_P_JJT',
'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' => 'NT',
'pick_state' => 'NT',
'pick_code' => '14300',
'pick_country' => 'MY',
'send_point' => 'PGEON_P_E',
'send_name' => 'Sam',
'send_company' => '',
'send_contact' => '+6012-2134567',
'send_mobile' => '+6017-1234-5678',
'send_addr1' => 'ssssadsasdst test',
'send_addr2' => 'test test',
'send_addr3' => 'test',
'send_addr4' => '',
'send_city' => 'NT',
'send_state' => 'NT',
'send_code' => '11950',
'send_country' => 'MY',
'collect_date' => '2017-11-10',
'sms' => '1',
'send_email' => 'xxxxxx@hotmail.com',
'hs_code' => 'yshs_code'
),
array(
'weight' => '1',
'width' => '0',
'length' => '0',
'height' => '0',
'content' => '2017-09-14 - book',
'value' => '20',
'service_id' => 'EP-CS0W',
'pick_point' => 'PGEON_P_JJT',
```

```
'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' => 'NT',
'pick_state' => 'NT',
'pick_code' => '14300',
'pick_country' => 'MY',
'send_point' => 'PGEON_P_E',
'send_name' => 'Sam',
'send_company' => '',
'send_contact' => '+6012-2134567',
'send_mobile' => '+6017-1234-5678',
'send_addr1' => 'ssssadsasdst test',
'send_addr2' => 'test test',
'send_addr3' => 'test',
'send_addr4' => '',
'send_city' => 'NT',
'send_state' => 'NT',
'send_code' => '11950',
'send_country' => 'MY',
'collect_date' => '2017-11-10',
'sms' => '1',
'send_email' => 'xxxxx@hotmail.com',
'hs_code' => 'yshs_code'
),
),
);

$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":"Order Successfully Placed (Parcel from Pulau Pinang to Pulau Pinang)",
"order_number":"EI-AAY37",
"price":"6.00",
"courier":"Skynet"
},
{
"status":"Success",
"remarks":"Order Successfully Placed (Parcel from Pulau Pinang to Pulau Pinang)",
"order_number":"EI-AAY3L",
"price":"6.00",
"courier":"Skynet"
}
] }
```


Response Fail Code


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

] }
```

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 : http://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)	Link of airway bill ID.	

Example Code

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

$action = "EPPayOrderBulk";
$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":[
{
"orderno":"EI-AAGWD",
"messagenow":"Fully paid",
"parcel":[
{
"parcelno":"EP-AOBH3",
"awb":"238725129086",
"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&amp;id=QmIxTE43eHQ
jMTUyNzc4Mw%3D%3D"
}
]
},
{
"orderno":"EI-AAGWD",
"messagenow":"Fully paid",
"parcel":[
{
"parcelno":"EP-AOBH3",
"awb":"238725129086",
```

"awb_id_link":"http:\/\/demo.connect.easyparcel.my\/?ac=AWBLabel&id=QmIxTE43eHQjMTUyNzc4Mw%3D%3D"
}
]
}
] }

Response Fail Code

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

] }

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 : http://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 = "http://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 : http://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 / Drop Off / 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 = "http://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 : http://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 tracking.	(Refer to Response L3 & Response L4)
latest_status	string(45)	The status of the shipment.	
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.	
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.	
location	string(100)	Track the location of the parcel.	

Example Code

```
<?php
$domain = "http://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 : http://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 = "http://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" }
```

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

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

HTTP POST Request L1

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

HTTP POST Request L2

Name	Type	Required	Description
pick_code	string(10)	Yes	Sender's postcode.
pick_state	string(10)	Yes	Sender’s state
pick_country	string(2)	Yes	Sender's country (“MY”).
send_code	string(10)	Yes	Receiver's postcode.
send_state	string(10)	Yes	Receiver’s state
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 of rate checking	(Refer 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 Response L3)

Response/ Return Value L3

Return Value	Type	Description	Remarks
member_rate	array	The result of member rate checking.	(Refer Response L4)
non_member_rate	array	The result of non-member rate checking.	(Refer Response L4)

Response/ Return Value L4

Return Value	Type	Description	Remarks
service_id	string(15)	Service ID	
service_name	string(100)	Service name	
service_type	string(10)	Type of service	parcel/ document
courier_id	string(10)	Courier ID	
courier_name	string(100)	Courier name	
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)	Booking price.	

Example Code

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

$action = "EPNormalRateCheckingBulk";
$postparam = array(
'api' => 'xxxxxx',
'bulk' => array(
array(
'pick_code' => '14300',
'pick_state' => 'nt',
'pick_country' => 'MY',
'send_code' => '81100',
'send_state' => 'jhr',
'send_country' => 'MY',
'weight' => '10',
'width' => '0',
'length' => '0',
'height' => '0',
'date_coll' => '2017-11-09',
),
array(
'pick_code' => '14300',
'pick_state' => 'nt',
'pick_country' => 'MY',
'send_code' => '81100',
'send_state' => 'jhr',
'send_country' => 'MY',
'weight' => '10',
'width' => '0',
```

```
'length' => '0',
'height' => '0',
'date_coll' => '2017-11-09',
),
),
);

$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":"",
"rates":{
"member_rate":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"19.90"
},
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
```

"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"20.70"
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",
"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"64.00"
}
],
"non_member_rate":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"36.00"
},
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"37.20"
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",

"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"83.20"
}
]
}
},
{
"status":"Success",
"remarks":"",
"rates":{
"member_rate":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"19.90"
},
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"20.70"
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",
"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",

```
"delivery":"Estimated 1 working day(s)",
"price":"64.00"
}
],
"non_member_rate":[
{
"service_id":"EP-CS0W",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR05",
"courier_name":"Skynet",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Skynet_Express_(M)_Sdn_Bhd.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"36.00"
},
{
"service_id":"EP-CS04",
"service_name":"Next Day Delivery Service",
"service_type":"parcel",
"courier_id":"EP-CR0M",
"courier_name":"Nationwide",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/logo\/\/images\/p
artners\/Nationwide_Express_Courier_Services_Berhad.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"37.20"
},
{
"service_id":"EP-CS0A2",
"service_name":"Same Day Poslaju Pick up (within PM)",
"service_type":"parcel",
"courier_id":"EP-CR0A",
"courier_name":"Poslaju",
"courier_logo":"http:\/\/cp.easyparcel.my\/v1\/include\/theme_1\/source\/img\/
logo\/\/images\/partners\/POSLAJU_NATIONAL_COURIER.png",
"scheduled_start_date":"2017-11-10 Friday",
"pickup_date":"2017-11-09",
"delivery":"Estimated 1 working day(s)",
"price":"83.20"
}
]
}
}
] }
```


Response Fail Code


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

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

] }

Appendix I (API Return Status)

api_status	error_code	error_remark
Success	0	
Error	1	Required authentication key
Error	2	Invalid authentication key
Error	3	Required api key
Error	4	Invalid api key
Error	5	Unauthorized user
Error	6	Invalid data insert format in array

Appendix II (Country Code List)

Short Country Name	Full Country Name
AF	AFGHANISTAN
AL	ALBANIA
DZ	ALGERIA
AS	AMERICAN SAMOA
AD	ANDORRA
AO	ANGOLA
AI	ANGUILLA
AG	ANTIGUA
AR	ARGENTINA
AM	ARMENIA
AW	ARUBA
AU	AUSTRALIA
AT	AUSTRIA
AZ	AZERBAIJAN
BS	BAHAMAS
BH	BAHRAIN
BD	BANGLADESH
BB	BARBADOS
BY	BELARUS
BE	BELGIUM
BZ	BELIZE
BJ	BENIN
BM	BERMUDA
BT	BHUTAN
BO	BOLIVIA
BQ	BONAIRE
BA	BOSNIA AND HERZEGOVINA
BW	BOTSWANA
BR	BRAZIL
BN	BRUNEI DARUSSALAM
BG	BULGARIA
BF	BURKINA FASO

BI	BURUNDI
KH	CAMBODIA
CM	CAMEROON
CA	CANADA
IC	CANARY ISLANDS, THE
CV	CAPE VERDE
KY	CAYMAN ISLANDS
CF	CENTRAL AFRICAN REPUBLIC
TD	CHAD
CL	CHILE
CN	CHINA
CO	COLOMBIA
KM	COMOROS
CG	CONGO
CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
CK	COOK ISLANDS
CR	COSTA RICA
CI	COTE D'IVOIRE
HR	CROATIA
CU	CUBA
CW	CURACAO
CY	CYPRUS
CZ	CZECH REPUBLIC
DK	DENMARK
DJ	DJIBOUTI
DM	DOMINICA
DO	DOMINICAN REPUBLIC
TP	EAST TIMOR
EC	ECUADOR
EG	EGYPT
SV	EL SALVADOR
GQ	EQUATORIAL GUINEA
ER	ERITREA
EE	ESTONIA
ET	ETHIOPIA
FK	FALKLAND ISLANDS (MALVINAS)
FO	FAROE ISLANDS
FJ	FIJI
FI	FINLAND
FR	FRANCE
GF	FRENCH GUIANA
GA	GABON
GM	GAMBIA
GE	GEORGIA

DE	GERMANY
GH	GHANA
GI	GIBRALTAR
GR	GREECE
GL	GREENLAND
GD	GRENADA
GP	GUADELOUPE
GU	GUAM
GT	GUATEMALA
GG	GUERNSEY
GN	GUINEA REPUBLIC
GW	GUINEA BISSAU
GY	GUYANA
HT	HAITI
HN	HONDURAS
HK	HONG KONG
HU	HUNGARY
IS	ICELAND
IN	INDIA
ID	INDONESIA
IR	IRAN, ISLAMIC REPUBLIC OF
IQ	IRAQ
IE	IRELAND
IL	ISRAEL
IT	ITALY
JM	JAMAICA
JP	JAPAN
JE	JERSEY
JO	JORDAN
KZ	KAZAKHSTAN
KE	KENYA
KI	KIRIBATI
KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
KR	KOREA, REPUBLIC OF
XK	KOSOVO
KW	KUWAIT
KG	KYRGYZSTAN
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LV	LATVIA
LB	LEBANON
LS	LESOTHO
LR	LIBERIA
LY	LIBYA
LI	LIECHTENSTEIN

LT	LITHUANIA
LU	LUXEMBOURG
MO	MACAU
MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
MG	MADAGASCAR
MY	MALAYSIA
MW	MALAWI
MV	MALDIVES
ML	MALI
MT	MALTA
MH	MARSHALL ISLANDS
MQ	MARTINIQUE
MR	MAURITANIA
MU	MAURITIUS
YT	MAYOTTE
MX	MEXICO
FM	MICRONESIA, FEDERATED STATES OF
MD	MOLDOVA, REPUBLIC OF
MC	MONACO
MN	MONGOLIA
ME	MONTENEGRO
MS	MONTSERRAT
MA	MOROCCO
MZ	MOZAMBIQUE
MM	MYANMAR
NA	NAMIBIA
NR	NAURU
NP	NEPAL
NL	NETHERLANDS
AN	NETHERLANDS ANTILLES
XN	NEVIS
NC	NEW CALEDONIA
NZ	NEW ZEALAND
NI	NICARAGUA
NE	NIGER
NG	NIGERIA
NU	NIUE
NO	NORWAY
OM	OMAN
PK	PAKISTAN
PW	PALAU
PA	PANAMA
PG	PAPUA NEW GUINEA
PY	PARAGUAY

PE	PERU
PH	PHILIPPINES
PL	POLAND
PT	PORTUGAL
PR	PUERTO RICO
QA	QATAR
RE	REUNION
RO	ROMANIA
RU	RUSSIAN FEDERATION
RW	RWANDA
MP	SAIPAN
WS	SAMOA
SM	SAN MARINO
ST	SAO TOME AND PRINCIPE
SA	SAUDI ARABIA
SN	SENEGAL
RS	SERBIA
SC	SEYCHELLES
SL	SIERRA LEONE
SG	SINGAPORE
SK	SLOVAKIA
SI	SLOVENIA
SB	SOLOMON ISLANDS
SO	SOMALIA
XS	SOMALILAND (NORTH SOMALIA)
ZA	SOUTH AFRICA
ES	SPAIN
LK	SRI LANKA
BL	ST. BARTHELEMY
XE	ST. EUSTATIUS
KN	ST. KITTS
LC	ST. LUCIA
XM	ST. MAARTEN
VC	ST. VINCENT
SD	SUDAN
SR	SURINAME
SZ	SWAZILAND
SE	SWEDEN
CH	SWITZERLAND
SY	SYRIA
PF	TAHITI
TW	TAIWAN
TJ	TAJIKISTAN
TZ	TANZANIA

TH	THAILAND
TG	TOGO
TO	TONGA
TT	TRINIDAD AND TOBAGO
TN	TUNISIA
TR	TURKEY
TM	TURKMENISTAN
TC	TURKS AND CAICOS ISLANDS
TV	TUVALU
UG	UGANDA
UA	UKRAINE
AE	UNITED ARAB EMIRATES
GB	UNITED KINGDOM
US	UNITED STATES
UM	UNITED STATES MINOR OUTLYING ISLANDS
UY	URUGUAY
UZ	UZBEKISTAN
VU	VANUATU
VE	VENEZUELA
VN	VIETNAM
VG	VIRGIN ISLANDS, BRITISH
VI	VIRGIN ISLANDS, U.S.
YE	YEMEN
ZM	ZAMBIA
ZW	ZIMBABWE

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