

**ELECTRONIC SEAL®**

GDS Api

**API Guide v 2.2**

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**Status Codes :**

1. 200 (OK)---->Request was successful.
2. 400 (Bad Request)---->Invalid format for request.
3. 401 (Unauthorized)---->Not authorized to make this request.
4. 401 (Validation) ERR.2SG.SEC.INVALID\_CREDENTIALS----> Invalid credentials.
5. 403 (Forbidden)---->Request is for a resource that is forbidden.
6. 404 (Not Found)---->Response does not contain any data.
7. 405---->Method Not Allowed
8. 406 (Not Acceptable)---->Requested resource is only capable of generating content not acceptable according to the Accept headers sent in the request.
9. 500 (Server Error)
10. 503 (Service Unavailable)---->Server is currently unavailable. Please try again later and report if problem persists.
11. 504 (Gateway Timeout)---->Server timed out trying to fulfill request. Please try again later and report if problem persists.
    1. **getInventory :**

**Description** : This request is used to retrieve products information and product attributes like category ,cost price, product name, sku , product attributes based on category\_id.

**Url** : qc.esealinc.com/dmapi/getInventory

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **parameters** | **Value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| category\_id | 5 | Integer | Id of product category |

**Response:**

{"Status":1,"Message":"Data Successfully Retrieved.","Data":[{"product\_id":186,"category":"Lights","category\_id":5,"cost\_price":"0.00","manufacturer\_id":1,"product\_name":"3W - Eternal Bulb (LED Bulb)","sku":"sku-186","attributes":[{"Category":" ","Sub-Category":" ","Class":" ","Type":" ","Manufacturer Description":" ","Manufacturer Website Link":" ","Brand Name":"Eternal Bulb","Title":" ","Description":" ","Features":" ","Technical Specifications":" ","Dimensions":"","Weight":" ","Images":" ","Videos":" ","User Documents \/ Links":" ","Website Link":" ","Warranty Policy \/ Link":" ","Service Centers \/ Link":" ","Recycling Instructions":" ","Package Dimensions":" ","Weight along with Package":" ","Quantity in Shipper Pack":" ","Shipper Pack Dimensions":" ","Shipper Pack Weight":" ","Shipping & Handling Instructions":" ","Order Cancellation Policy":" ","Returns Policy":" ","Back Orders Accepted":" "}]'ResponseCode':200}}

* 1. **getProductsInventory :**

**Description** : This request is used to get inventory of products based on product\_id's.

**Url** : qc.esealinc.com/dmapi/getProductsInventory

**Parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameters** | **Value** | **type** | **Description** | |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| product\_id | 205 | Integer | Unique Id of product | |

**Response :** {'Status'=>1, 'Message' =>'Data Successfully Retrieved' ,'Data'=>[{'product\_id'=>231,'available\_inventory'=>20}],'ResponseCode':200}

{

"Status": 1,

"Message": "Data Successfully Retrieved.",

"Data": [

{

"product\_id": 135,

"available\_inventory": 24

},

{

"product\_id": 135,

"available\_inventory": 2

},

{

"product\_id": 135,

"available\_inventory": 6

} ]

}

* 1. **getProductDynamicInfo :**

**Description** : This request is used to get dynamic information and in\_transit inventory information of products based on location .

**Url** : qc.esealinc.com/dmapi/getProductDynamicInfo

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| sku | sku-135 | String | Unique sku of products |
| ppid (location\_id) | 49 | Integer | Id of location |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |

**Response :**

{

"Status": 1,

"Message": "Data Successfully Retrieved.",

"Data": {

"product\_name": "Orient MCB Single Pole",

"description": "Longer electrical life through precisely controlled thermal and magnetic tripping\r\nProtection is categorized under B, C or D Curve depending upon resistive or inductive load.\r\n10kA breaking capacity with class 3 energy limitation",

"model\_name": "ModelCX0012",

"upc": null,

"ean": null,

"jan": null,

"isbn": null,

"mpn": null,

"category\_name": "Electrical and Hardware",

"cost\_price": "0.00",

"manufacturer\_name": "Orient Electric\_old",

"sku": "sku-135",

"attributes": [],

"slab\_rates": [

[]

],

"available\_stock": 1

},'ResponseCode':200}

}

* 1. **checkInventoryAvailability :**

**Description** : This request is used to check available inventory and block the inventory.

**Url** : qc.esealinc.com/dmapi/checkInventoryAvailability

**Request Parameters:**

**“api\_key” : “123123123123123”,**

**“secret\_key” : “123123123123123”,**

**"product\_data": {**

**"sku": "sku-22",**

**"quantity": "1",**

**"price": "100",**

**"total": "100",**

**},**

**“is\_blocked” : “1”,**

**“ppid” : “49”,**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| Sku | sku-135 | String | Unique sku of products |
| Quantity | 1 | Integer | Quantity of products |
| Price | 786 | Float | Price of products |
| Total | (786 \* 1) | Float | Total cost of products |
| is\_blocked | 1 | Boolean | Status for blocking |
| ppid (location\_id) | 49 | Integer | Id of location |

**Response :**

{

"Status": 1,

"Message": "Stock is available.",

"order\_token": "051b48b5-6101-11e5-9101-28d24463ceb4",

"Data": [

{

"pid": 135,

"sku": "sku-135",

"qty": 1

}

]

},

ResponseCode':200}

* 1. **unblockInventory :**

**Description** : This request is used to unblock the inventory which is already blocked.

**Url** : qc.esealinc.com/dmapi/unblockInventory

**Request Parameters:**

**“api\_key” : “123123123123123”,**

**“secret\_key” : “123123123123123”,**

**"product\_data": {**

**"sku": "sku-22",**

**"quantity": "1",**

**"price": "100",**

**"total": "100",**

**},**

**“is\_blocked” : “1”,**

**“ppid” : “49”,**

**“order\_token” : “051b48b5-6101-11e5-9101-2”**

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| Sku | sku-135 | String | Unique sku of products |
| ppid (location\_id) | 49 | Integer | Quantity of products |
| order\_token | 051b48b5-6101-11e5-9101-2 | String | Unique order token against order |
| Quantity | 1 | Integer | Quantity of products |
| Price | 786 | Float | Price of products |
| Total | (786 \* 1) | Float | Total cost of products |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |

**Response :**

{'Status'=>1, 'Message' =>'Quantity is ublocked','ResponseCode':200}

* 1. **placeOrder :**

**Description** : This request is used to placeOrder and reserve stock of Inventory .

**Url** : qc.esealinc.com/dmapi/placeOrder

**Request Parameters:**

**“api\_key” : “123123123123123”,**

**“secret\_key” : “123123123123123”,**

**“orderdata”: “{ "customer\_info": { "suffix": "MS", "first\_name": "First", "middle\_name": "Middle", "last\_name": "Last", "channel\_user\_id": "111", "email\_address": "test2@example.com", "mobile\_no": "97987897111", "dob": "02-06-2015", "channel\_id": "1", "gender": "male", "registered\_date": "2015-09-29 14:43:57" }, "address\_info": [ { "address\_type": "shipping", "first\_name": "firstname", "middle\_name": "Middle", "last\_name": "lastname", "email": "email", "address1": "streetaddress", "address2": "streetaddress", "city": "city", "state": "region", "phone": "phonenumber", "pincode": "postcode", "country": "countryID", "company": "company", "mobile\_no": "mobile\_no" }, { "address\_type": "billing", "first\_name": "firstname", "middle\_name": "Middle", "last\_name": "lastname", "email": "email", "address1": "streetaddress", "address2": "streetaddress", "city": "city", "state": "region", "phone": "phonenumber", "pincode": "postcode", "country": "countryID", "company": "company", "mobile\_no": "mobile\_no" } ], "order\_info": { "channelid": "1", "channelorderid": "12345112222", "orderstatus": "NEW", "orderdate": "04-12-2015", "paymentmethod": "221", "shippingcost": "221", "subtotal": "2210", "tax": "201", "totalamount": "1940", "currencycode": "INR", "channelorderstatus": "Placed", "updateddate": "04-12-2015", "gdsorderid": "1", "channelcustid": "4", "createddate": "2015-09-2914: 43: 57" }, "product\_info": [ { "sku": "sku-80", "channelId": "3", "order\_id": "1", "channelitemid": "123", "scoitemid": "5", "quantity": "10", "price": "75", "sellprice": "78", "discounttype": "99", "discountprice": "1", "tax": "70", "subtotal": "770", "channelcancelitem": "", "total": "840", "shippingcompanyname": "ebay", "servicename": "ebayService", "servicecost": "80", "dispatchdate": "12-12-2015", "mintimetodispatch": "2", "maxtimetodispatch": "7", "timeunits": "5" }, { "sku": "sku-79", "channelId": "3", "order\_id": "1", "channelitemid": "1234", "scoitemid": "5", "quantity": "10", "price": "75", "sellprice": "78", "discounttype": "99", "discountprice": "1", "tax": "70", "subtotal": "770", "channelcancelitem": "", "total": "840", "shippingcompanyname": "Amazon", "servicename": "AmazonService", "servicecost": "80", "dispatchdate": "26-11-2015", "mintimetodispatch": "2", "maxtimetodispatch": "7", "timeunits": "5" } ], "payment\_info": [ { "order\_id": "1", "channelid": "3", "paymentmethod": "COD", "paymentstatus": "DOne", "paymentcurrency": "INR", "amount": "1000", "buyeremail": "adh.com", "buyername": "Bull", "buyerphone": "12344", "transactionId": "123", "paymentDate": "2015-09-2914: 43: 57" } ] }”,**

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| suffix | Ms | String | Suffix |
| first\_name | Customer firstname | String | First Name of Customer |
| last\_name | Customer lastname | String | Last Name of Customer |
| middle\_name | Customer middlename | String | Middle Name of Customer |
| channel\_user\_id | abc12 | String | Channel user id |
| email\_address | abc@esealinc.com | String | email\_address |
| mobile\_no | 8765412345 | String | mobile\_no |
| dob | 02-06-2015 | Date | Date of birth |
| channel\_id | 1 | Integer | channel\_id |
| gender | Female | String | gender |
| registered\_date | 30-09-2015 | Date | registered\_date |
| address\_type | Billing | String | address\_type |
| address1 | address1 | String | address1 |
| address2 | address2 | String | address2 |
| city | Hyd | String | city |
| state | Telangana | String | state |
| country | India | String | country |
| pincode | 500079 | String | pincode |
| company | Eseal | String | company |
| payment\_firstname | Biller firstname | String | First Name of Biller |
| payment\_lastname | Biller \_lastname | String | Last Name of Biller |
| payment\_company | Biller company | String | Biller company |
| payment\_address\_1 | Biller \_address\_1 | String | Biller \_address\_1 |
| payment\_address\_2 | Biller \_address\_2 | String | Biller \_address\_2 |
| payment\_city | Hyderabad | String | Biller city |
| payment\_postcode | 500039 | String | Biller Postcode |
| payment\_zone | Telangana | String | Biller Zone |
| payment\_zone\_id | 12 | Integer | Biller Zone id |
| payment\_country\_id | 100 | Integer | Biller Country id |
| payment\_method | Credit/NetBanking/Debit | String | payment\_method |
| payment\_code | COD | String | payment\_code |
| Shipping firstname | Buyer First Name | String | First Name of the buyer |
| Shipping lastname | Buyer Last Name | String | Last Name of the buyer |
| Shipping address 1 | Address 1 | String | Address 1 of buyer |
| Shipping address 2 | Address 2 | String | Address 2 of buyer |
| Shipping city | Hyderabad | String | City of buyer |
| Shipping postcode | 500039 | Integer | Pincode of buyer |
| Shipping zone | Telangana | String | State of buyer |
| shipping\_zone\_id | 12 | Integer | Zone Id of buyer |
| Shipping country | India | String | Country of buyer |
| Shipping country Id | 100 | Integer | Country Id of buyer |
| Order token | ORD01-15-35 | String | Unique order token against order |
| Shipping method | IN\_Courier | String | Method of shipping on eBay |
| shipping\_code | F2235 | String | shipping\_code |
| Total | 250 | Float | Total cost of order |
| gds\_order\_id | ORD-123769 | String | GDS Order Id |
| Comment | Feedback | String | comment |
| language\_id | 1 | Integer | Language Id |
| currency\_id | 2 | Integer | Currency Id |
| currency\_code | USD | String | Currency code |
| currency\_value | 1.00 | Float | Currency Value |
| user\_agent | Mozilla/5.0 (X11; Ubuntu; Linux x86\_64; rv:34.0) G | String | user\_agent |
| accept\_language | en-US,en;q=0.5 | String | accept\_language |
| Ip Address | 111.93.24.118 | String | Ip address |
| Name | Orient Fan | String | Name of the product |
| Sku | Sku-205 | String | Sku Id of product |
| Quantity | 12 | Integer | Quantity of products |

**Response :**

{'Status'=>1, 'Message' => 'Successfully placed order', 'ResponseCode':200}

* 1. **cancelOrder :**

**Description** : This request is used to cancel order .

**Url** : qc.esealinc.com/dmapi/cancelOrder

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| order\_id | 19 | Integer | Unique Id of Order |

**Response :**

{

"Status": 1,

"Message": "Successfully cancelled the order",

"orderId": "19"

},'ResponseCode':200

* 1. **getAllInventory :**

**Description** : This request is used to get all the static and dynamic information of products for a manufacturer.

**Url** : qc.esealinc.com/dmapi/getAllInventory

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| start\_limit | 0 | Integer | Start limit |
| end\_limit | 2 | Integer | End limit |
|  |  |  |  |

**Response :**

{"Status":1,"Message":"Data Successfully Retrieved.","Data":[{"product\_name":"Orient Smart Air","description":"","model\_name":"ModelCX0012","upc":null,"ean":null,"jan":null,"isbn":null,"mpn":null,"categories":[],"mrp":"699.00","cost\_price":"0.00","sku":"sku-128","attributes":{"General":{"Category":" ","Sub-Category":" ","Class":" ","Type":" "},"Manufacturer":{"Manufacturer Description":" ","Manufacturer Website Link":" "},"Identity":{"Brand Name":"","Title":" "},"Details":{"Description":" ","Features":" ","Technical Specifications":" ","Dimensions":"","Weight":" ","Images":" ","Videos":" ","User Documents \/ Links":" ","Website Link":" "},"Service":{"Warranty Policy \/ Link":" ","Service Centers \/ Link":" ","Recycling Instructions":" "},"Package":{"Package Dimensions":" ","Weight along with Package":" ","Quantity in Shipper Pack":" ","Shipper Pack Dimensions":" ","Shipper Pack Weight":" ","Shipping & Handling Instructions":" "},"Ordering":{"Order Cancellation Policy":" ","Returns Policy":" ","Back Orders Accepted":" "}},"media":{"Image":["localhost\/uploads\/products\/1\/product\/45441.jpg"]},"slab\_rates":[[]]},

{"product\_name":"SinglePole","description":"","model\_name":"ModelCX0012","upc":null,"ean":null,"jan":null,"isbn":null,"mpn":null,"categories":[],"mrp":"499.00","cost\_price":"0.00","sku":"sku-130","attributes":{"General":{"Category":" ","Sub-Category":" ","Class":" ","Type":" "},"Manufacturer":{"Manufacturer Description":" ","Manufacturer Website Link":" "},"Identity":{"Brand Name":"Orient Switch Gear","Title":" "},"Details":{"Description":" ","Features":" ","Technical Specifications":" ","Dimensions":"","Weight":" ","Images":" ","Videos":" ","User Documents \/ Links":" ","Website Link":" "},"Service":{"Warranty Policy \/ Link":" ","Service Centers \/ Link":" ","Recycling Instructions":" "},"Package":{"Package Dimensions":" ","Weight along with Package":" ","Quantity in Shipper Pack":" ","Shipper Pack Dimensions":" ","Shipper Pack Weight":" ","Shipping & Handling Instructions":" "},"Ordering":{"Order Cancellation Policy":" ","Returns Policy":" ","Back Orders Accepted":" "}},"media":{"Image":["localhost\/uploads\/products\/1\/product\/27708.PNG"]},"slab\_rates":[[]]}],'ResponseCode':200}

* 1. **getAllCategoriesByCustomer :**

**Description** : This request is used to get all the categories for a manufacturer .

**Url** : qc.esealinc.com/dmapi/getAllCategories

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |

**Response :**

{'Status'=>1, 'Message' => 'Data Successfully Retreived', 'Data'=>['brand\_name'=>'Electrical and Hardware'],'ResponseCode':200}

* 1. **getProductCount:**

**Description** : This request is used to get the count of products for a manufacturer.

**Url** : qc.esealinc.com/dmapi/getProductCount

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **parameters** | **Value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| category\_id | 1 | Integer | Category id |

**Response :**

{["Status :":1,"Message :":"Count Retrieved Successfully","Count :":52], 'ResponseCode':200}

1. **productSearch:**

**Description** : This request is used to get the products by searching using category\_id or product\_name or sku or brand\_name or price.

**Url** : qc.esealinc.com/dmapi/productSearch

**Parameters:**

**Request Parameters:**

**“api\_key” : “123123123123123”,**

**“secret\_key” : “123123123123123”,**

**“mrp-low” : “1”,**

**“mrp-high” : “49”,**

**“brand\_name” : “orient”,**

**“product\_name” : “fan”**

|  |  |  |  |
| --- | --- | --- | --- |
| **parameters** | **Value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| product\_name | Fan | String | Product search string |
| Sku | Sku-137 | String | Sku |
| brand\_name | Orient | String | Brand\_name |
| Mrpl | 1000 | Integer | Low-price |
| Mrph | 2000 | Integer | High-price |
| category\_id | 1 | Integer | Category id |

**Response:**

{["Status :":1[{"product\_name":"Orient Hill Air Exhaust fan","title":"Exhaust fan","category\_id":"1,3,7","sku":"sku-137","mrp":"1389.00","brand\_name":"Orient Electric\_old"}]], 'ResponseCode':200}

1. **channelCustomer:**

**Description** : This request is used to create a new channel customer.

**Url** : qc.esealinc.com/dmapi/channelCustomer

**Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **parameters** | **Value** | **type** | **Description** |
| api\_key | 1234567890123456 | String | Api key |
| secret\_key | 1234567890123456 | String | Secret Key |
| suffix | Ms | String | Suffix |
| first\_name | Customer firstname | String | First Name of Customer |
| last\_name | Customer lastname | String | Last Name of Customer |
| middle\_name | Customer middlename | String | Middle Name of Customer |
| channel\_user\_id | abc12 | String | Channel user id |
| email\_address | abc@esealinc.com | String | email\_address |
| mobile\_no | 8765412345 | String | mobile\_no |
| dob | 02-06-2015 | Date | Date of birth |
| channel\_id | 1 | Integer | channel\_id |
| gender | Female | String | Gender |
| registered\_date | 30-09-2015 | Date | registered\_date |
| address\_type | Billing | String | address\_type |
| address1 | address1 | String | address1 |
| address2 | address2 | String | address2 |
| city | Hyd | String | City |
| state | Telangana | String | State |
| country | India | String | Country |
| pincode | 500079 | String | Pincode |
| company | Eseal | String | Company |

**Response :**

{["Status :":1,"Message :":" Successfully Created"], 'ResponseCode':200}