

Echarge Gateway API

Requirements:

- CURL library installed with PHP

Variables:

1. Required General Variables

- a. \$userkey - You will need your API key. This is found when you log into the gateway from <http://www.echarge.cc/gateway>.
- b. \$type - Must be either "CHECK" or "CC". Case does matter. Anything else for this variable, the transaction will fail.
- c. \$name - Customers name
- d. \$address1 - Address of the customer
- e. \$city - City of the customer
- f. \$state - State of the customer
- g. \$zip - Zip code of the customer
- h. \$country - Customers country ("US" for the United States)
- i. \$phone - Formatted (xxx)xxx-xxxx, any other format will fail to keep data consistent with the gateway format.
- j. \$amount - Amount of the transaction, only numeric
- k. \$proddesc - Product description

2. Required Credit Card Variables

- a. \$ccType - Type of card, only either "VISA" or "MC" depending on the card
- b. \$ccNum - Credit card number with no dashes, just numbers
- c. \$ccExp - 4 digit expiration date, MMY format
- d. \$ccCode - 3 digit CVV code Required

3. Check Variables

- a. \$acctnum - Account number of the checking account
- b. \$routingnum - Routing number of the checking account
- c. \$checknum - Check number of the check

4. Optional Variables

- a. \$address2 - Customers second address line if needed
- b. \$email - Customers email address
- c. \$bankname - If processing by check, optional bank name field

Usage:

You must open and prepare a CURL connection to echarge.cc with PHP. These first 4 lines are required for correct functioning

```
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL,"http://www.echarge.cc/gateway/api.php");
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
```

You must also make the call with all the variables.

```
curl_setopt($ch, CURLOPT_POSTFIELDS,
"userkey=$userkey&type=$type&name=$name&address1=$address1&address2=$address2&city=$city&state=$state&zip=$zip&country=$country&email=$email&phone=$phone&ccType=$ccType&ccNum=$ccNum&ccExp=$ccExp&ccCode=$ccCode&acctnum=$acctnum&routingnum=$routingnum&bankname=$bankname&checknum=$checknum&amount=$amount&proddesc=$proddesc");
```

Finally, to get the code to run, and return the transaction number, do:

```
$result = curl_exec($ch);
curl_close ($ch);
```

Your result will be located inside the variable \$result, and you can store this value in your system.

Errors:

Error messages on the API are returned instead of a transaction number. They are numerical 1 through 3. The causes are below:

1. Did not specify type, either CHECK or CC
2. For check or credit card, there were not enough required fields passed to the API
3. For credit card, type doesn't match, must be VISA or MC

There will be no error message, and no return value if the user key does not match the records in the database. If your troubleshooting and get no message returned, check to make sure your key is correct first, then re-try.

Full source code to an example is on the next page

```
<?
$userkey = "XXXXXXXXXXXX"; // from menu page on the login to the gateway
$type = "CHECK";
$name = "Test Test";
$address1 = "123 Test Street";
$address2 = "";
$city = "Las Vegas";
$state = "NV";
$zip = "44444";
$country = "US";
$email = "me@here.com";
$phone = "(444)444-4444";
//$ccType = "MC";
//$ccNum = "4144444444444444";
//$ccExp = "0404";
//$ccCode = "123";
$acctnum = "34343";
$routingnum = "2344";
$bankname = "BoA";
$checknum = "3";
$amount = "4000";
$prodDesc = "stuff";
```

```
$URL="www.echarge.cc/gateway/api.php";
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL,"http://www.echarge.cc/gateway/api.php");
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS,
"userkey=$userkey&type=$type&name=$name&address1=$address1&address2=$address2&city=$city
&state=$state&zip=$zip&country=$country&email=$email&phone=$phone&ccType=$ccType&ccNum=
$ccNum&ccExp=$ccExp&ccCode=$ccCode&acctnum=$acctnum&routingnum=$routingnum&bankname
=$bankname&checknum=$checknum&amount=$amount&prodDesc=$prodDesc");
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1); // must be included to keep cURL return values from
displaying.
```

```
$result = curl_exec($ch);
curl_close ($ch);
```

```
echo $result;
```