

# CHARGEPlus

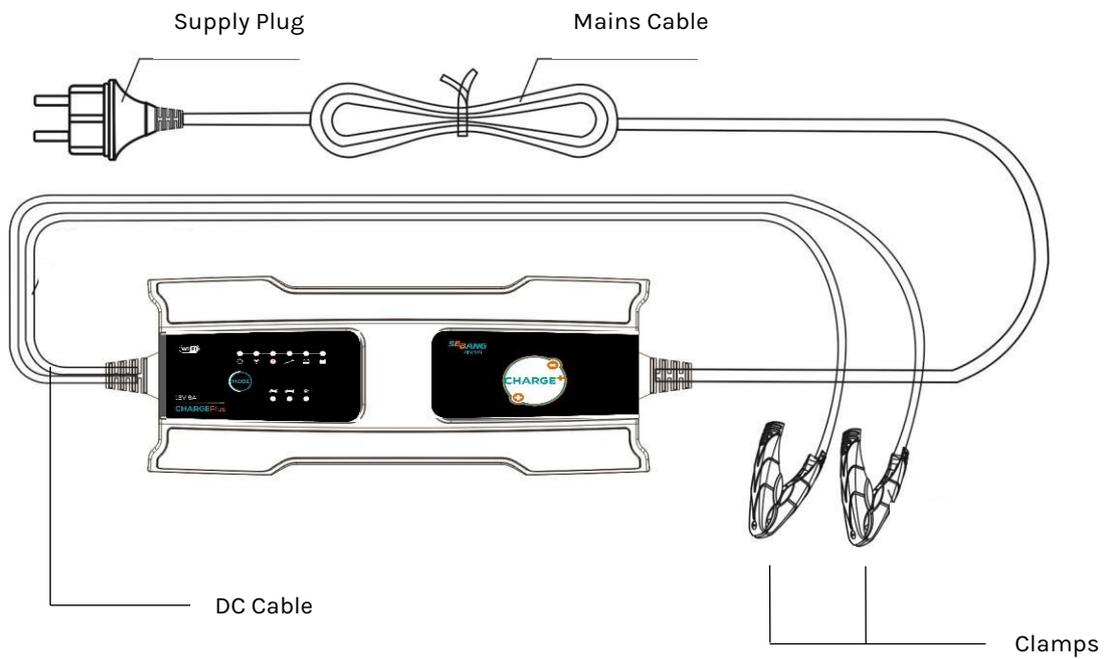
Wi-Fi Battery Charger



12V 8A  
User's Manual

## DEVICE LAYOUT

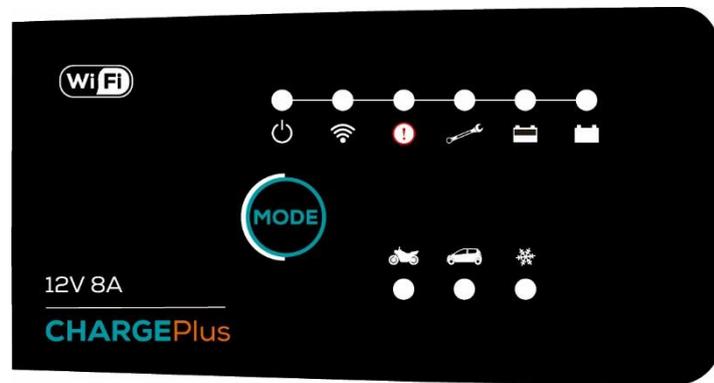
---



## Specification

Input	AC 220V - 240V
Output	DC 12V 8A
Battery Type	Lead-Acid, Absorbent Glass Mat (AGM)
Interface	Wi-Fi, Mobile App
Dimension	270.5mm x 103.6mm x 61.2mm
Weight	0.8kg
Cable Length	DC Cable - 1.0m AC Cable - 1.5m

# CONTROL PANEL



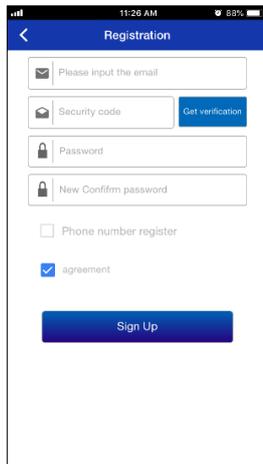
	Charging Mode Selection
---	-------------------------

Charging Mode		
		
12V Motorcycle Batteries	12V Car Batteries	12V AGM Batteries

Indicator Guide			
	On / Off		Repair
	Wi-Fi Connection		Charging
	Warning: Short Circuit / Reverse Polarity / Faulty Battery		Fully Charged

## OPERATION

---



### Step 1

Register your account with a valid email address. Press 'Get Verification' and a security code will be sent to your email. Key in the code to complete the sign up process.

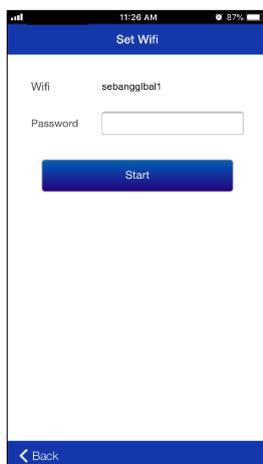


### Step 2

Connect the charger to a 12V battery.

<b>Red clamp</b>	Positive terminal
<b>Black clamp</b>	Negative terminal

Turn charger on.



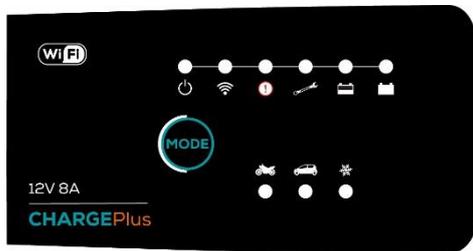
### Step 3

Connect your mobile phone to a Wi-Fi network. Once connected, enter Wi-Fi password in the mobile app.

### REMARK:

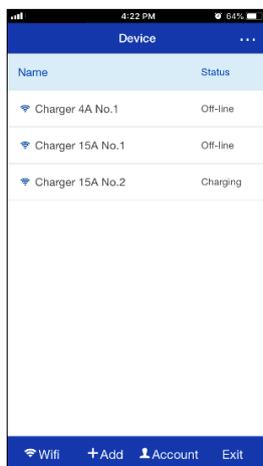
*CHARGEPlus only supports 2.4GHz networks.*

# OPERATION



## Step 4

Press and hold MODE button until Wi-Fi light blinks. The charger is connected to the mobile app when blinking stops.



## Step 5

Scan the charger QR code to register the charger to the app. Swipe the charger name to the left to edit or delete.



## Step 6

Select charging mode from the app. You can start to control and monitor the charger from your phone.

Mode	Battery
	12V Motorcycle Batteries
	12V Car Batteries
	12V AGM Batteries

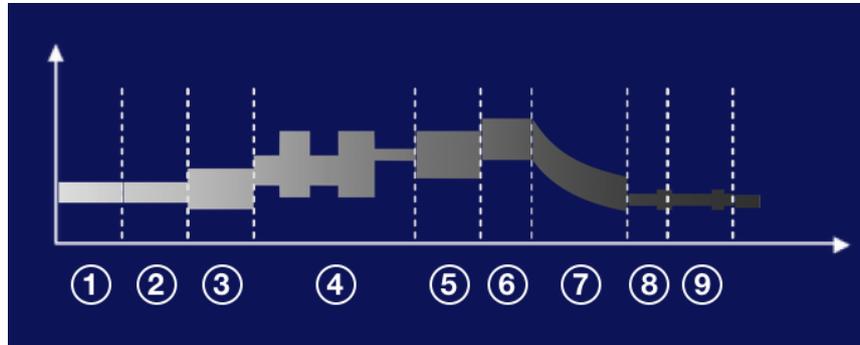


Scan QR code to download

Or

Visit to <https://sebangglobal.my/chargeplus>

## CHARGING STAGES



Stage	Battery Voltage	Details
0	-	Evaluation
1 - 2	Deep Discharged	<p><b>Battery Repair:</b></p> <p>⚠ LED illuminates. 600mA constant current            Stage 1: 5 seconds            Stage 2: 2 hours limit</p> <p>⚠ LED illuminates if battery cannot recover</p>
3 - 4	2.0V - 6.0V 6.0V - 10.5V	<p><b>Pulse Charge:</b></p> <p>0.8A pulse. 2 hours limit</p> <p>⚠ LED illuminates if battery cannot recover</p>
5	10.5V - 12.0V	<p><b>Soft Start:</b></p> <p>2A - 4A output</p>
6	> 12.0V	<p><b>Bulk Charge:</b></p> <p>8A output</p>
7		<p><b>Absorption Charge:</b></p> <p>Constant voltage stage at 14.4V</p>
8		<p><b>Check:</b></p> <p>60-second test</p>
9		<p><b>Maintenance:</b></p> <p>13.8V trickle charge</p>



**SEBANG GLOBAL (M) SDN BHD**

**A** 5 Jalan 51/203A, Kawasan Perindustrian Tiong Nam  
46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia

**T** +603-7772 9595 **F** +603-7772 8484

**W** [www.sebangglobal.my](http://www.sebangglobal.my) **E** [support@sebangglobal.my](mailto:support@sebangglobal.my)