

Easy Charger Wizard CT-211

+

100% Universal AC input voltage (90-264Vac)

75% Flexible charging current from 1A up to 250A max.

50% Flexible charging voltage setting from 1V~60V max.

25% Single model (e.g. 60V) can be used to charge different types of batteries including Lithium Ion, Lead Acid, etc. suitable charging voltage from 1V ~ 60V



Friendly GUI

allow customer to customize charging voltage & current for different applications



Economy solution

for Lithium battery charging

Flexible usage & Easy installation steps



Utility Interface

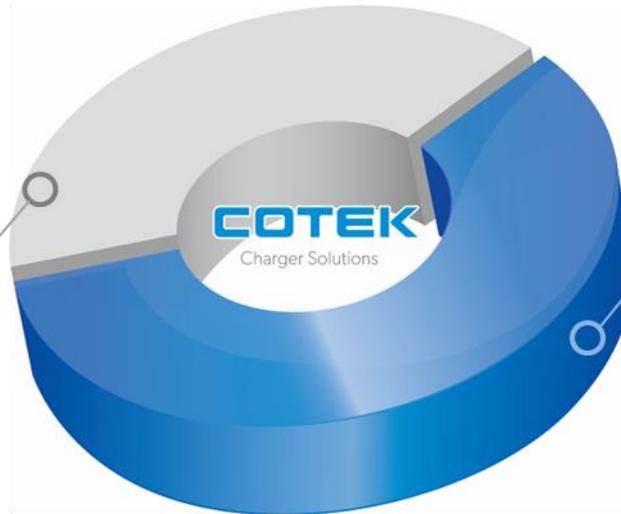
Charger Solutions - Applications



CX Series

Suitable application:
B2C market, suitable for
single purpose usage

Typical applications:
Vehicle / Marine /
Engineering vehicle / Backup
/ AGV / Mobile Storage



Easy Charger Wizard, CT-211

Suitable applications:
B2B market, suitable for
embedded usage, 48V Lithium battery

Typical applications:
Commercial / Industrial / Stacker /
Automation / Battery related
Applications / EV charging

New Charger Kit Spec

Model Name	Charging Voltage	Max. Charging current (DC output 12V Model)	Max. Power Rating
AE-800 Series	1 - 60V	1 - 66.7A	800W
AE-1500 Series	1 - 60V	1 - 125A	1.5KW
AEK-3000-LV Series	1 - 60V	1 - 200A (De-rating at 180Vac)	3KW

Note:

1. Please refer to de-rating curve for the max. output voltage and current according to product datasheet
2. Max. output voltage and current: 105% vs. rated output voltage & current

Features highlight

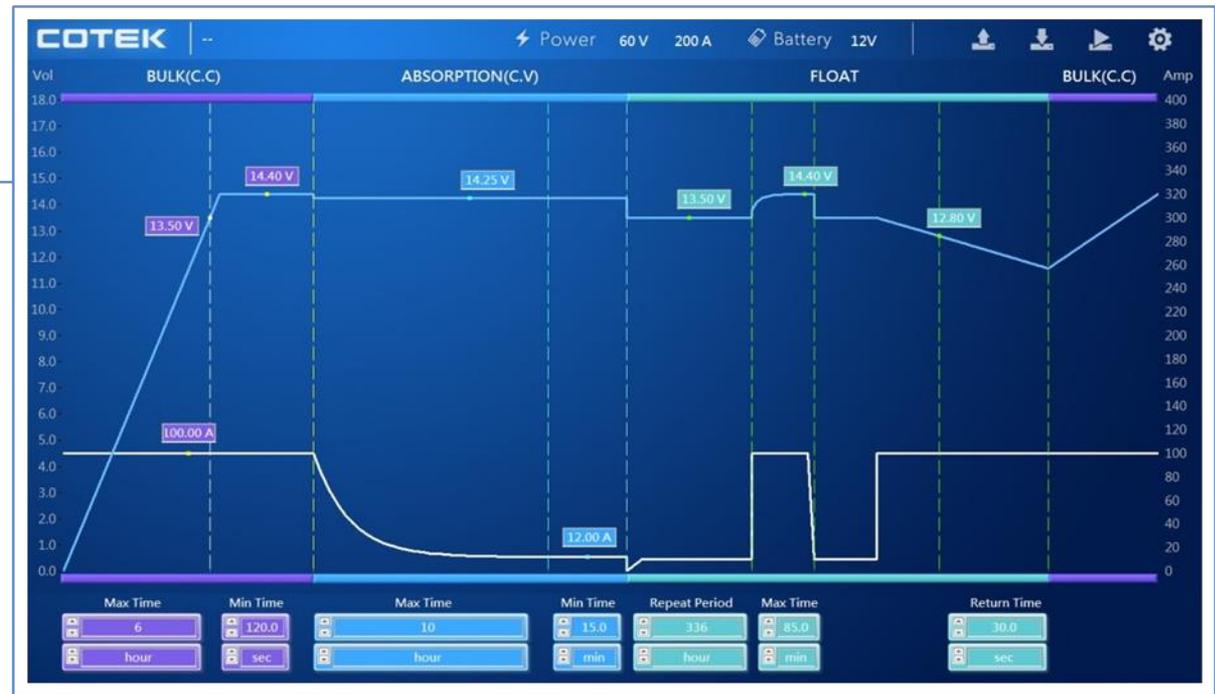
- Universal input (90-264Vac)
- PFC design with higher power density and efficiency (up to 93%)
- Programmable charger solution (higher flexibility for different type of batteries)
- High Voltage / Current charging requirement
- RS232/485 communication
- Memorize charging setting
- LED to show different charging status
- Operation temperature -20C ~ 70C (de-rating)
- Safety Standards: UL, TUV, and CB (Worry-Free design-in)
- EMI conduction & Radiation: Certified EN55032
- BMS integration possible to optimize battery charging setting



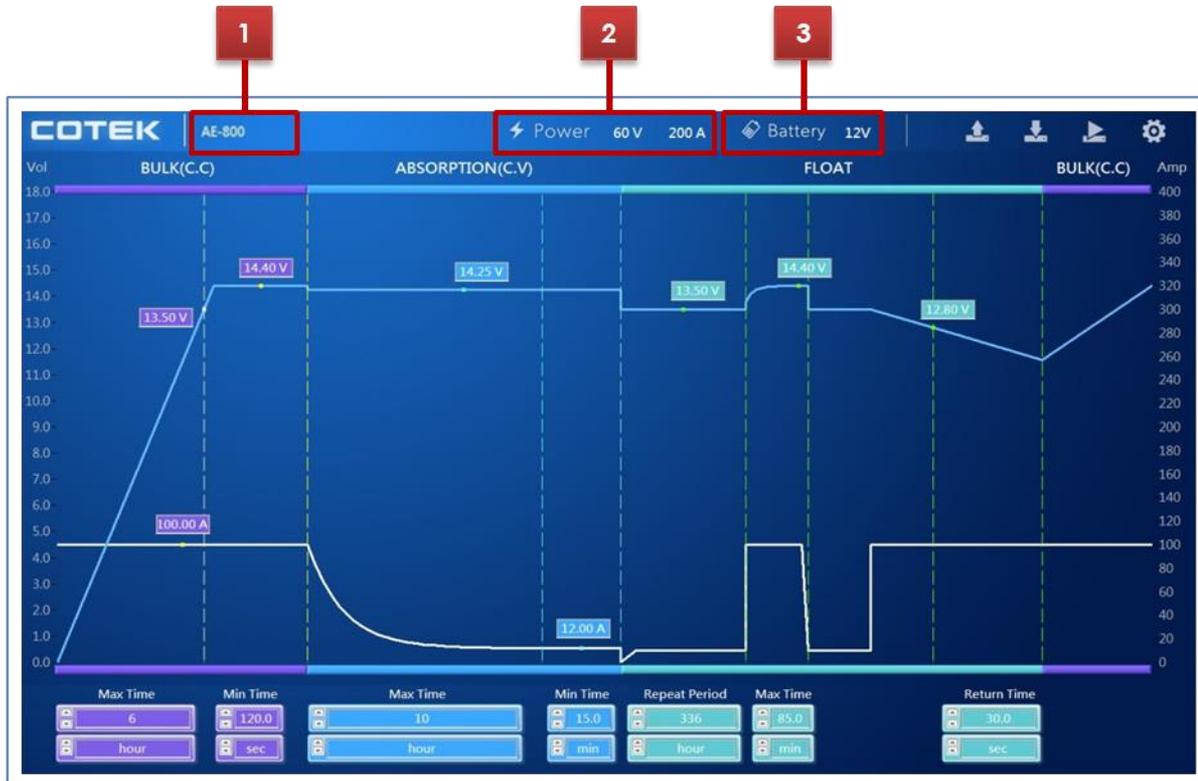
New Charging kit GUI

GUI Benefits:

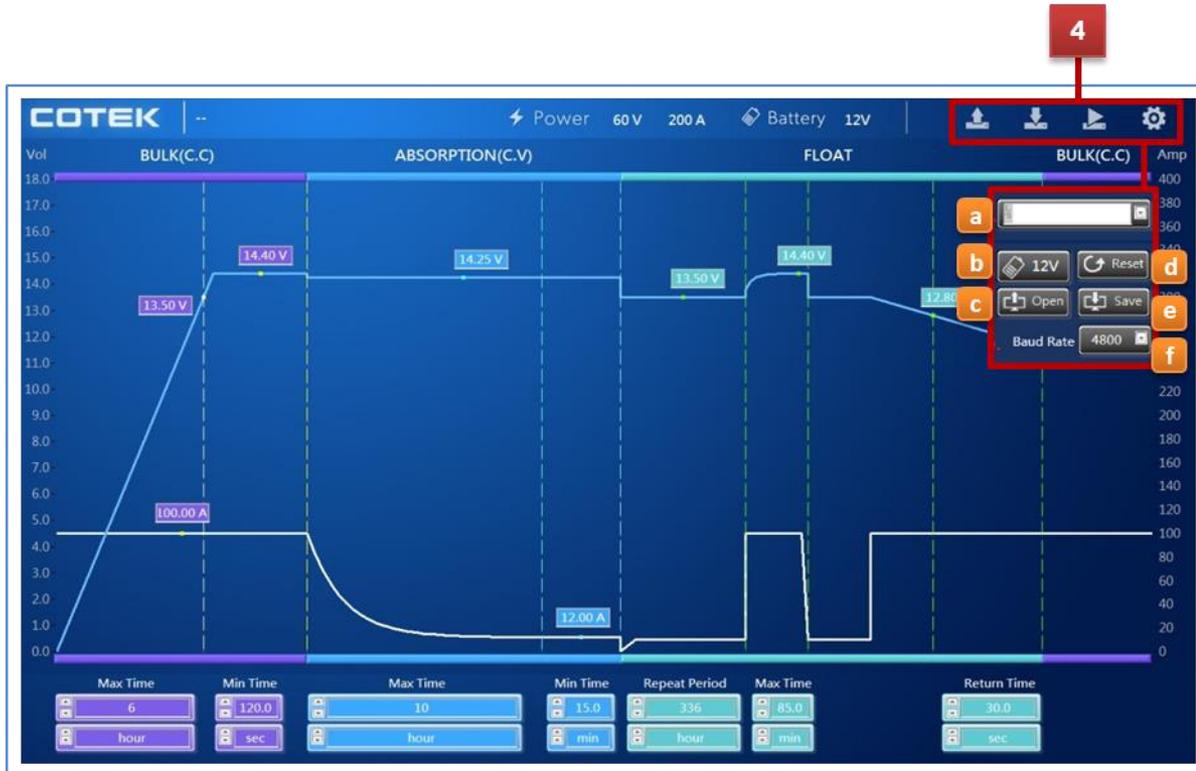
- Visualize setting
- 3 stage charging (bulk, absorption and float)
- Programmable charging



New Charging kit GUI setting



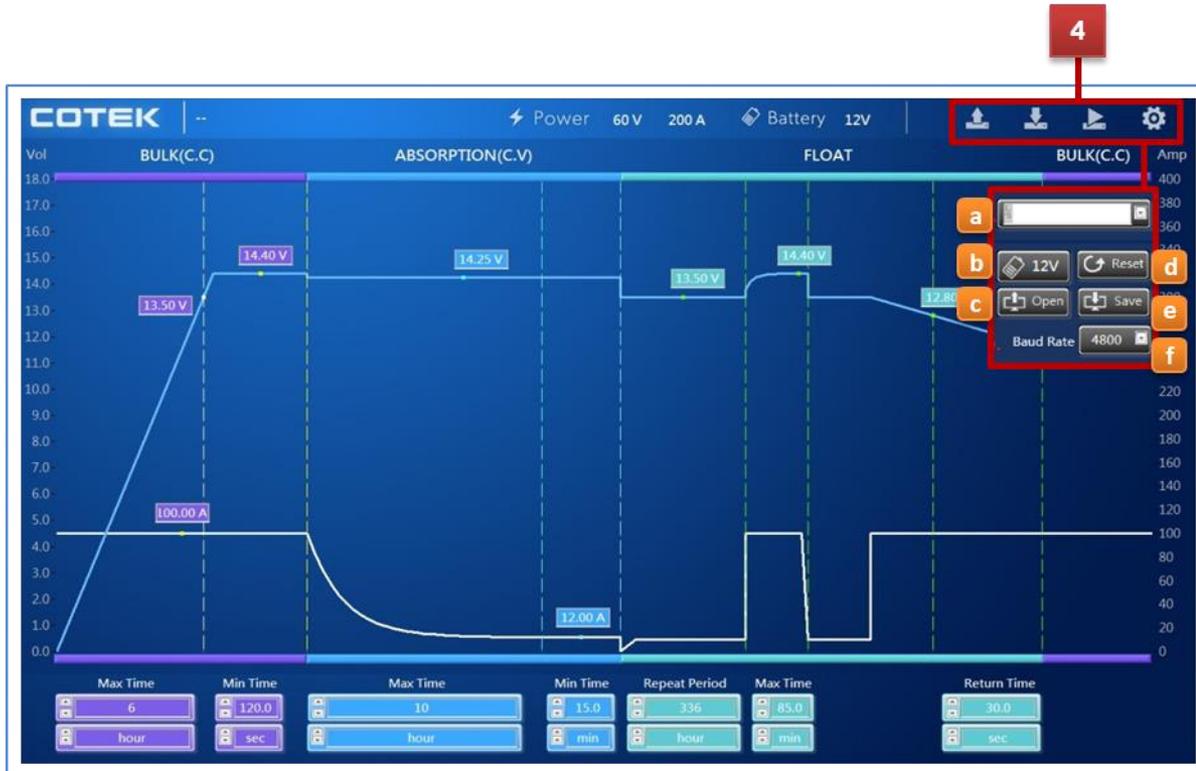
- 1 Model Name
- 2 Power Supply Rating
Voltage / Current
- 3 Battery Rating Voltage



4 Function Setup

-  **Read** the setting on TR Board
-  **Save** the parameter to TR Board
-  **Apply** the setting parameter to TR Board without saving the parameter
-  **Setup**

-  Setup Com Port
-  Setup Battery voltage
-  Open the file
-  Reset
-  Save as to PC
-  Baud Rate (Select 4800)



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-  **Read** the setting on TR Board
-  **Save** the parameter to TR Board
-  **Apply** the setting parameter to TR Board without saving the parameter
-  **Setup**
 -  **a** Setup Com Port
 -  **b** Setup Battery voltage
 -  **c** Open the file
 -  **d** Reset
 -  **e** Save as to PC
 -  **f** Baud Rate (Select 4800)