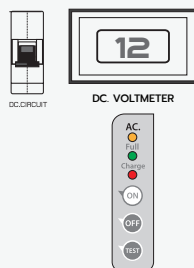




### Technical Specifications

Mode of Operation	Non-Maintained
Input Voltage	220 VAC / 50Hz $\pm$ 10%
Output Voltage	12VDC
Maximum Power Load	470W
Battery Type / Capacity	Sealed Lead-Acid Maintained Free 12V-100Ah
Protections	<ul style="list-style-type: none"> <li>- AC, DC Fuse</li> <li>- AC Under Voltage Protection</li> <li>- Battery Low Voltage Cut-Off</li> </ul>
Testing Systems	Manual Testing
Charging Mode	Constant Voltage & Limit Current
Charging Time	10-15 Hrs
Backup Time	2.0 Hrs
Housing	Electro-galvanized steel sheet 1mm. thick with epoxy powder coating
Dimensions (LxWxH)	500 x 250 x 300mm
Weight	46.0 Kg
IP Rating	20

### Indicators



- DC CIRCUIT** ▶ Prevents short circuit and battery overload
- DC VOLTMETER** ▶ Indicating the battery voltage
- LED AC** ▶ Indicating input status
- LED Full** ▶ Indicating fully charged status
- LED Charge** ▶ Indicating charging status
- Switch ON** ▶ To turn on the light (while the unit is not plugged in)
- Switch OFF** ▶ To turn off the light (while the unit is not plugged in)
- Switch TEST** ▶ To test the unit availability (during normal circumstance)

### Product Overview

Central Battery Systems by CCU 12V Series or the central control unit is used to detect any abnormalities of the main power distribution system. In case of error or emergency, the unit is designed to allow the emergency lighting system to bear large loads or larger loads than that the automatic emergency light (complete unit) can. The 12 VDC unit is compatible with halogen lamp or MR16 LED lamp. The unit installation and usage are centrally controlled so that it supplies power to the lamp installed.

### Features

- Operate for 2.0 hours on backup time
- Allowing testing with a switch on the front panel
- Automatically recharged with constant voltage and limited current
- Battery overcharge protection circuit prevents overcharge which is the cause of battery swelling
- Battery discharge protection circuit prolongs the battery life
- AC fuse prevents input short circuit
- DC fuse prevents short circuit on the battery or the load side
- Under voltage protection circuit allows the unit to automatically activate the emergency light in case any fault occurs in the the main power distribution system or in case of power failure (140-160 VAC)

### Dimensions (mm)

