

# EMBC-3343

## 4.3A SLA Battery Charger



The reliability of a system depends very much on its susceptibilities to various unplanned interruptions. The Battery Charger unit helps to minimize the interruption due to power outage by providing backup power supply (with appropriately charged 24V SLA battery) to various equipments on the rack.

The **EMIX** Battery Charger is designed for charging 24V Sealed Lead-Acid battery. It is also equipped with functions such as deep discharge start, constant charging current, over voltage protection, over-temperature protection, short circuit protection and reverse polarity protection.

Simple and neat design allows ease of installation and integration to user's system without going through complicated wiring and configuration.

### Features

- > Various Protection Schemes
- > Constant Charging Current
- > Display of Charging/Battery Status
- > Compact Switch Charger Circuitry
- > 24VDC Backup Output with Low Cut Feature

### Model

EMBC-3343

AC Input Voltage Range	176~264VAC
AC Inrush Current	Cold start, 60A at 230VAC
Overload Protection	90~110% constant current limiting, auto-recovery
Over Voltage Protection	105%~150% of rated output voltage
Setup, Rise, Hold Up Time	1000ms, 50ms and 16ms at full load at 230VAC
Withstand Voltage	I/P-O/P:3KV, I/P-FG:1.5KV, 1 minute
Working Temperature	0~40°C @ 100%, -10°C @ 80%, 60°C @ 50% load
Charging Voltage	27 to 29V (SLA)
Charging Current	4.3A
Front Panel	1 Push Button
Dimension (W x H x D)	433 x 44.45 x 180mm
Weight	3kg
Front Panel Indicator	3MM LEDs for charger status 3 Digits 7-segments for digital ammeter and voltmeter

### Schematic Diagram

