

EPM-SBC series Smart Battery Charger

The EPM-SBC series Smart Battery Charger is a high efficiency, microprocessor controlled Battery Charger which support charging of 5 different battery type and comes with 3 states of IUU charging curve.

Features

- Microprocessor controlled
- Efficiency > 86%
- EC certified - Conformity to CEM class B
- IP 20
- Charging curve of 3 states IUU charging type
- Fitted with a PFC (cos = 1)
- Working temperature: -10°C to +45°C
- 16 memory charging curves



Technical Specifications

Model	EPM-SBC2012	EPM-SBC4012	EPM-SBC6012	EPM-SBC1524	EPM-SBC3024	EPM-SBC5024
Input Voltage	200 - 250V	90V~250V		200 - 250V	90V~250V	
Output Voltage	12V			24V		
Charging Capacity	20A	40A	60A	15A	30A	50A
Frequency	50Hz / 60Hz					
Output Patterns	1 or 3					
Input Voltage U bat	±2%					
Output Current I bat	±10%					
Charging Curve Type	3 states IUU type (Boost Charge, Absorption Charge, Floating Charge)					
Charging Curve Selection (Manual Switch)	Standard Vented Lead Acid Battery					
	Sealed Lead Acid (GEL),					
	Lead calcium (Standard charge/ Deep discharge),					
	User define					
Working Temperature	-10°C ~ +45°C					
Storage Temperature	-20°C ~ +70°C					
Protection Feature	Against output short-circuit,					
	Battery discharge in the event of mains failure,					
	Mains input overload,					
	Battery polarity reversal					
Protection Options	Battery or charger overtemperature (Temperature sensor)					
Dimensions (Wmm X Dmm X Hmm)	310 x 200 x 70	400 x 250 x 80	400 x 250 x 80	310 x 200 x 70	400 x 250 x 80	400 x 250 x 80
Weight (Kg)	3	6	6	3	6	6