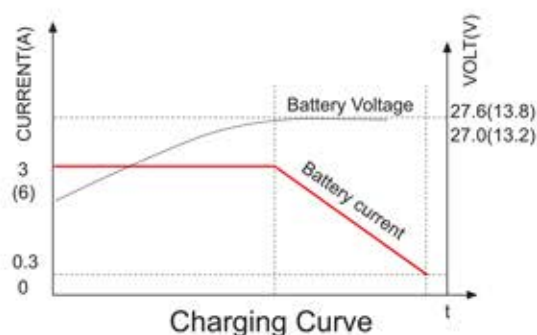


Battery Charger BOC6A

The charger is specially designed for the lead-acid battery used in the engine. It adopts the three-stage intelligent control mode of constant current fast charging, current limiting and trickle floating charging. It can be charged for a long time without damage to the battery. It can maintain the full state of the battery and ensure the service life of the battery. The charger can be used in parallel with the engine charging generator without disconnecting the charger during the operation of the engine.



Charging Principle

The charger is designed according to the characteristics of the lead-acid battery used in the engine, and adopts the three-stage intelligent control mode of constant current fast charging, current limiting and trickle floating charging. When the battery voltage is lower than the preset value, the charging current decreases with the increase of the battery voltage and enters the current-limiting charging stage. Thereafter, the charging current only counteracts the self-discharge of the battery, and maintains the battery in full state without disconnecting the charger, which has no effect on the battery life.

SPECIFICATION

Category	Items	12V	24V
Input	Nominal AC Voltage	AC 95~280V	
	Max. AC Voltage	AC 90~305V	
	AC Frequency	50Hz/60Hz	
	Max. Input Current	2A	
	Max. Efficiency	82%	
Output	Charging Current	4A-6A,(Error $\pm 2\%$)	2A-3A,(Error $\pm 2\%$)
	Factory Charging Current	6A	3A
	Max. Power	85W	
	Min. Voltage	7.5V	
	No-load Voltage	13.8V, (Error $\pm 1\%$)	27.6V, (Error $\pm 1\%$)
Insulation	No-load VoltageNo-load power consumption	<3W	
	Insulation Resistance	Between input and output, input and shell both are: DC500V 1min RL>500MQ	
Working Condition	Insulation Voltage	Between input and output, input and shell both are: AC 1600V 50Hz 1min Leakage current: IL3.5mA,	
	Working Temperature	-30~55°C	
	Storage Temperature	-40~85°C	
Profile	Working Humidity	20%RH-93% RH(No condensation)	
	Weight	0.65kg	
	Dimension	143mmx96mmx55mm(Length*Width*Height)	

MAIN FEATURES

- The metal shell has good heat dissipation effect and strong anti-interference ability.
- Using advanced switching power supply mode, wide AC input voltage range.
- Three stage intelligent charging to maintain battery power automatically.
- With short circuit and reverse connection protection.
- It has charging voltage and charging current fine tuning function.
- It has LED led, which can indicate the working state of the charger.