

**Pb12110 -10089 - (14.8V 11.0A) Pb-Acid Battery Charger**

Item	Specification	Remark
<b>1.Input</b>		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.8Arms	Input:100V Output:Full load
Max input power	175W	Input:100V Output:Full load
<b>2.Output</b>		
No load output voltage	DC14.8V $\pm$ 1%	
Output voltage range	DC10.0~14.8V	
Suit with battery type	12V Pb-Acid battery	
Charging current	11.0A $\pm$ 7%	
Charging voltage	DC14.8V $\pm$ 1%	
Floating charge voltage	DC13.8V $\pm$ 1%	
Charge-end current	$\leq$ 2.2A $\pm$ 10%	
Timer	-	
Max output power	162.8W	
Ripple voltage	$\leq$ 180mV	Full load
Charging LED	Red LED flashing	2Hz Error

	Green LED flashing	0.45Hz No battery; 0.83Hz <25% Capacity; 1.25Hz ≥25% Capacity; 1.66Hz ≥50% Capacity; 2.5Hz ≥75% Capacity;
	Green LED on	Full
Shorted	Yes	
Reversed	Yes	
Efficiency	≥94%	Full load @220V
<b>3.Environment</b>		
Operate temperature	-10 ~ +40°C	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +70°C	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
<b>4.Mechanical</b>		
Weight	680g	
Size	171X71X40MM	Casing only
Connector	Refer to order	
<b>5.Safety</b>		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/GS/PSE/SAA/FCC/C CC/ETL/CB	

MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	