

PB12050T 10092 Lead-acid Charger for 12V Pb-Acid/AGM/GEL/VRLA/WET battery

- **Specification**
- Input: 100~240V
- Output: 13.8V 5.0A
- Charge Process: Recover、CC、CV(H)、Floating(Four stages)
- Charger Indicator: With 4 LEDs Battery Meter,20%~100%
- Output Protections: OVP、OCP、Shorted、Reversed
- Safety Approval: CE cTUVus CCC PSE
- Size: 175 x 72 x 40mm/400g
- Industry: Power Tools、Security System



PB12050T 10092 (13.8V 5.0A) Pb-Acid Battery Charger

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	1.5Arms	Input:100V Output:Full load
Max input power	100W	Input:100V Output:Full load
2.Output		
No load output voltage	DC 2.75V	Detection of battery voltage > 3.2V start charging
Output voltage range	DC10.0~14.7V	
Suit with battery type	12V Pb-Acid battery	
Charging current	5.0A ±10%	
Charging voltage	DC14.7V ±0.3V	When the battery is vulcanized,

		voltage rises to 18V to repair the battery
Floating charge voltage	DC13.2-13.8V	
Charge-end current	$\leq 0.8A \pm 0.2A$	
Timer	no	
Max output power	73.5W	
Ripple voltage	$\leq 150mV$	Full load
Power LED	Red	Power on
Charging LED	All off	No battery
	All on	Full charge
	All flash	Error
	Flashing one by one	Charging
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq 83\%$	Full load @220V
3.Environment		
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
4.Mechanical		
Weight	400g	
Size	175X72X40MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/cTUVus/CCC/PSE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	