

**A500-48 (55.2V 8.0A) Pb-Acid Battery Charger**

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	5.5Arms	Input:100V Output:Full load
Max input power	550W	Input:100V Output:Full load
2.Output		
No load output voltage	DC2.7V	
Output voltage range	DC40.0~55.2V	
Suit with battery type	48V Pb-Acid battery	
Charging current	8.0A ±10%	
Charging voltage CV (H)	DC58.8V ±1%	
Floating charge voltage CV (L)	DC55.2V ±1%	
Charge-end current	≤0.4~0.8A	
Timer	Single battery voltage>After 4V, Timing 5 hours	
Max output power	441.6W	
Ripple voltage	≤588mV	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	≥89%	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	1.2Kg	
Size	250X125X72MM	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/PSE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

