

**A500-24 (27.6V 15.0A) 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	5.5Arms	Input:100V Output:Full load
Max input power	550W	Input:100V Output:Full load
<b>2.Output</b>		
No load output voltage	DC1.65V	
Output voltage range	DC20.0~29.4V	
Suit with battery type	24V Pb-Acid battery	
Charging current	15.0A $\pm$ 10%	
Charging voltage CV (H)	DC29.4V $\pm$ 1%	
Floating charge voltage CV (L)	DC27.6V $\pm$ 1%	
Charge-end current	$\leq$ 0.6-1.6A	
Timer	Single battery voltage>After 4V, Timing 5 hours	
Max output power	441W	
Ripple voltage	$\leq$ 294mV	Full load
Charging LED	Red:Charging Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	$\geq$ 87%	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	1.2Kg	
Size	250X125X72MM	Casing only
Connector	Refer to order	
<b>5.Safety</b>		
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)	