

12v 5Ah

CHARGERS

	ITEM	UNIT	SPECIFICATION	REMARK
INPUT				
01	Rating Input Voltage	V ac	100~240Vac 50-60Hz	
02	Input voltage range	V ac	90~264Vac	
03	Rating Input Current	A	0.8Arms	
04	Max.input power	W	95	
OUTPUT				
05	Rating output voltage	V dc	13.8V	
06	Output voltage range	V dc	10VDC~15VDC	
07	Suit with Battery type		12V 20AH-100AH VRLA	
08	Charging current(stage1)	A	5.0±0.5@12V	
09	Charging voltage(stage2)	V	14.5V±0.2V	
10	Floating voltage(stage3)	V	13.7V±0.15V	
11	Cut-off current(stage2→3)	A	<1.0+·0.20A	
12	Typical charging time	hour	8	
13	Max.output power	W	75W	
14	Hold-on time	ms	NC	Input:220Vac Output:Full load
15	Ripple current	mA	200	Input:220Vac Output:Full load
16	LED color		Red:charging Green:finish/idle	
17	Output protect	-	OCP&OVP&Reverse Input protection	
18	Efficiency	%	75%(min)	At max.load
Environment				
19	Operate temperature	℃	0~+40	Full load&natural convection
20	Operate humidity	%RH	20~90	Relative humidity,non-condensing.
21	Storage temperature	℃	-40~+70	
22	Storage humidity	%RH	10~95	Relative humidity,non-condensing.
23	Cooling	-	Natural convection	
24	Temperature factor	%	--	
25	Vibration resistance		5MM/50HZ/600S	Non-operating condition.
26	Impact resistance		1 meter drop test>=3 times	Non-operating condition.
Mechanical				
27	Weight	g	550g	
28	Size	mm	152x62x43mm	Casing only
29	Connectors	-	As request	
Safety				
30	Max.temperature rise	℃	<40 on casing	At any line and Max.Load
31	Safety standards	-	CE	
32	EMC standard	-	CE	
33	MTBF	hrs	40000	
34	Limited power source	VA	-	
35	ESD	Kv	8.0	
36	Hi-Pot Insulation	v	Input to Output:3000Vac(1 min.)	For final nuit,cut-off current=10mA

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