

# 12v 1Ah

# CHARGERS

	ITEM	UNIT	SPECIFICATION	REMARK
<b>INPUT</b>				
01	Rating Input Voltage	V ac	100~240Vac 50-60Hz	
02	Input voltage range	V ac	90~264Vac	
03	Rating Input Current	A	0.2Arms	
04	Max.Input power	W	20	
<b>OUTPUT</b>				
05	Rating output voltage	V dc	13.8V	
06	Output voltage range	V dc	10VDC~15VDC	
07	Suit with Battery type		12V 2~15Ah VRLA	
08	Charging current(stage1)	A	1.0±0.1@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	<0.2+ -0.10A	
12	Typical charging time	hour	8	
13	Max.output power	W	10W	
14	Hold-on time	ms	NC	Input:220Vac Output:Full load
15	Ripple current	mA	200	Input:220Vac Output:Full load
16	Charge finish condition		V>14V +I<1.0A	
17	LED color		Red:charging Green:finish/idle	
18	Output protect	-	OCP&OVP&Reverse input protectio	
19	Efficiency	%	75%(min)	At max.load
<b>Environment</b>				
20	Operate temperature	℃	0~+40	Full load&natural convection
21	Operate humidity	%RH	20~90	Relative humidity,non-condensing.
22	Storage temperature	℃	-40~+70	
23	Storage humidity	%RH	10~95	Relative humidity,non-condensing.
24	Cooling	-	Natural convection	
25	Temperature factor	%	--	
26	Vibration resistance		5MM/50HZ/600S	Non-operating condition.
27	Impact resistance		1 meter drop test>=3 times	Non-operating condition.
<b>Mechanical</b>				
28	Weight	g	150g	
29	Size	mm	81x51x28mm	Casing only
30	Connectors	-	Defined when order	
<b>Safety</b>				
31	Max.temperature rise	℃	<40 on casing	At any line and Max.Load
34	MTBF	hrs	40000	
35	Limited power source	VA	-	
36	ESD	Kv	8.0	
37	Hi-Pot Insulation	v	Input to Output:3000Vac(1 min.)	For final nuit,cut-off current=10mA

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