

Products Specification

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SPECIFICATION		PREPARE		CHECK	APPROVE
MODEL:	F060120-010	Rain		Jack	Alan
ISSUE DATE:	2009/4/3				
COMMON/UNITE	DOC.NO:			REV: 1.0	PAGE:1 OF 1
	ITEM	UNIT	SPECIFICATION	REMARK	
INPUT					
01	Rating Input Voltage	V ac	100~240Vac 50/60Hz		
02	Input voltage range	V ac	90~264Vac	INPUT:220V OUTPUT:Full load	
03	Rating Input Current	A	0.3Arms		
04	Max.input power	W	20		
OUTPUT					
05	Rating output voltage	V dc	6.9Vdc&13.8Vdc		
06	Output voltage range	V dc	5VDC~7.5VDC&10VDC~15VDC		
07	Suit with Battery type		6V&12V 7~20Ah VRLA		
08	Charging current(stage1)	A	1.0±0.1@6&12V		
09	Charging voltage(stage2)	V	7.2-7.5V&14.3-14.7V		
	Floating voltage(stage3)	V	6.7-6.9V&13.5-13.8V		
10	Cut-off current(stage2→3)	A	<0.2+-0.1A		
11	Typical charging time	hour	8		
12	Max.output power	W	15.0W		
13	Hold-on time	ms	NC	Input:220Vac Output:Full load	
14	Ripple current	mA	200	Input:220Vac Output:Full load	
15	Charge finish condition		V>7.0V +I<0.2A&V>14.0V +I<0.2A		
16	LED color		Red:charging Green:finish/idle		
17	Output protect	-	OCP&OVP&Reverse input protection		
18	Efficiency	%	80%(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	150		
28	Size	mm	100×50×30	Casing only	
29	Connectors	-	Defined when order		
Safety					
30	Max.temperature rise	℃	<40 on casing	At any line and Max.Load	
31	Safety standards	-	EN60335-2-29		
32	EMC standard	-	EN55014		
33	MTBF	hrs	40000		
34	Limited power source	VA	-		
35	ESD	Kv	8.0		
36	Hi-Pot Insulation	v	Input to Output:3000(1 min.)	For final nuit,cut-off current=10mA	