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SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
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COMMON/UNITE	DOC. NO:		REV.: 2.0	PAGE: 1 OF 1

3PA3015R Lead-Acid Battery charger (With Auto desulphate recovery function)				
	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	0.4Arms	INPUT:220V OUTPUT:Full load
04	Max. input power	W	40	
<b>OUTPUT</b>				
05	Rating output voltage	V dc	13.8V	
06	Output voltage range	V dc	10VDC ~ 15VDC	10~22V at Recovery Mode
07	Suit with Battery type		12V 7~20Ah VRLA	
08	Charging current	A	1.8±0.2@12V	
09	Bulk Charging voltage Limit	V	14.7V +-0.2V	
10	Floating charge voltage limit	V	13.7V+-0.2V	
11	Desulphate recovery voltage	V	19~22V	At Recovery Mode
12	Desulphate recovery current	A	0.2	At Recovery Mode
13	Max. output power	W	30W	
14	Typical charging time	hours	8~10	For 14Ah VRLA battery.
15	Ripple current	mA	80	Input: 220Vac Output: Full load
16	Charge Mode		Auto 5 stages (MCU build-in)	
16	LED color		Red flashing: Desulphate recovery Red normal: Bulk charging Green flashing: Finishing charge Green normal: idle Yellow flashing: Reverse protection	
17	Output Shorted protect Output Reversed protect	-	YES YES	
18	Efficiency	%	80%	At max. load
<b>Environment</b>				
19	Operate temperature	°C	-10 ~ +40	Full load & natural convection.
20	Operate humidity	%RH	< +90	Relative humidity, non-condensing.
21	Storage temperature	°C	-40 ~ +70	
22	Storage humidity	%RH	0 ~ +95	Relative humidity, non-condensing.
23	Cooling	-	Natural convection	
26	Impact		1 meter drop test >= 3 times	Non-operating condition.
<b>Mechanical</b>				
27	Weight	g	250	
28	Size	mm	117X61X37	Casing only
29	Input/Output Cord &Terminals	-	Defined by user	
<b>Safety</b>				
30	Max. temperature rise	°C	< 40 on casing	At any line and Max. Load
31	Safety standards	-	GB4943 EN60335 UL1310	
32	EMC standard	-	EN55014	
33	MTBF	hrs	30000	
34	ESD	kV	8.0	
35	Hi-Pot Insulation	V	i/p to o/p: 3000 (1 min.)	For final unit, cut-off current =10mA