

Products Specification
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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

3PA5015R 12V Lead-Acid Battery charger				
	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	0.9Arms	INPUT:100V OUTPUT:Full load
04	Max. input power	W	60	
OUTPUT				
05	Rating output voltage	V dc	13.8Vdc	
06	Output voltage range	V dc	10 ~ 15Vdc	10~22V at Recovery Mode
07	Suit with Battery type		12V 4~90Ah VRLA	
08	Charging current	A	3.3A± 0.2A ; 0.8A+0.1A	0.8A for Motorcycle mode.
09	Bulk Charging voltage Limit	V	14.4V +-0.15V; 14.7V+-0.15V	14.7 for low temperature.
10	Floating charge voltage limit	V	13.7V+-0.15V	
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	50W	
14	Typical charging time	hours	8~10	For 20Ah VRLA battery.
15	Ripple current	mA	160	Input: 220Vac Output: Full load
16	Charge Mode		Auto 5 stages (MCU build-in)	
17	LED indicator		8 function LEDs Car battery; Moto cycle battery Charging; Full charged Repairing; Low temperature Power on; Error;	See User Manual
18	Output Shorted protect Output Reversed protect	-	YES YES	
19	Efficiency	%	80%	At max. load
Environment				
20	Operate temperature	°C	-10 ~ +40	Full load & natural convection.
21	Operate humidity	%RH	< +90	Relative humidity, non-condensing.
22	Storage temperature	°C	-40 ~ +70	
23	Storage humidity	%RH	0 ~ +95	Relative humidity, non-condensing.
24	Cooling	-	Natural convection	
25	Impact		1 meter drop test >= 3 times	Non-operating condition.
Mechanical				
26	Weight	g	350	
27	Size	mm	120X67X41	Casing only
28	Input/Output Cord &Terminals	-	Defined by user	
Safety				
29	Max. temperature rise	°C	< 40 on casing	At any line and Max. Load
30	Safety standards	-	GB4943 EN60335 UL1310	
31	EMC standard	-	T.B.D.	
32	MTBF	hrs	30000	
33	ESD	kV	8.0	
34	Hi-Pot Insulation	V	i/p to o/p: 3000 (1 min.)	For final unit, cut-off current =10mA