

SHENZHEN ABT ELECTRONICS CO., LTD.

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SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
ISSUE DATE :	12/10/2008 8:28:00 AM			
COMMON/UNITE	DOC. NO:		REV.: 2.0	PAGE: 1 OF 1

A100-12 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	1.3Arms	INPUT:120V OUTPUT:Full load
04	Max. input power	W	90	
OUTPUT				
05	Rating output voltage	V dc	13.8V	
06	Output voltage range	V dc	10VDC ~ 15VDC	
07	Suit with Battery type		12V 20~90Ah VRLA	
08	Charging current	A	5A± 0.4A	
09	Bulk Charging voltage Limit	V	14.8V+0.1V	
10	Floating charge voltage limit	V	13.8V+0.1V	
11	Charge End condition		I < 0.8A	
12	Desulphate recovery current	A	-	Not including
13	Max. output power	W	75W	
14	Typical charging time	hours	8~10 hours	For 22Ah VRLA battery.
15	Ripple current	mA	300	Input: 230Vac Output: Full load
16	Charge Mode		Auto 3 stages	
17	LED indicator		Red: charging Green: finished/idle	See User Manual
18	Output Shorted protect Output Reversed protect	-	YES YES	
19	Efficiency	%	83%	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	650	
27	Size	mm	190X100X60	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	-	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

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SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
ISSUE DATE :	6/12/2008 3:21:00 PM			
COMMON/UNITE	DOC. NO:		REV.: 2.0	PAGE: 2 OF 1

Lead-Acid Battery Charger
 MODEL:A100-12
 INPUT:100-240V 50/60HZ
 OUTPUT:13.8V=5A
 LED:Red Charging Green Finished

 SHEN ZHEN ABT CO.,Ltd
 铭牌内容

布衣母座A向示意图 (1:1)

此款充电器有两种电源插头规格, 客户可根据实际需要选择/The adapter has two power plugs for option.

1 美国插头 (两扁插带孔)
/American plug

2 欧洲插头 (圆形头)
/European plug

增加垃圾桶	内容
更改	设计
样版	设计
复核	设计
版本	A1
日期	08/4/23

A100-12

充电器

铅酸电池

深圳奥博特电子有限公司

客户	数量	重量	比例
通用客户			1:3
共	张	第	张

AE00-531