

SHENZHEN ABT ELECTRONICS CO., LTD.

Tel:86-755-89958277 Fax:86-755-89958274 Email:sales@SZABT.com Http://www.SZABT.com

SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
ISSUE DATE :	6/12/2008 3:22:00 PM			
COMMON/UNITE	DOC. NO:		REV.: 1.0	PAGE: 1 OF 1

L100-24 25.9V (7Serial) Li-Ion Battery pack 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	1.5Arms	INPUT:220V OUTPUT:Full load
04	Max. input power	W	95	
OUTPUT				
05	Rating output voltage	V dc	29.4V	
06	Output voltage range	V dc	20VDC ~ 29.5VDC	
07	Suit with Battery type		25.9V (7Serial) 8~12Ah Li-Ion	
08	Charging current	A	2.8±0.15@28V	
09	Charging voltage	V	29.4V +-0.1V	
10	Cut-off current	A	0.10~0.2A	
11	Typical charging time	hour	7-8 Hours	For 8000mAH
12	Max. output power	W	80W	
13	Hold-on time	ms	NC	Input: 220Vac Output: Full load
14	Ripple current(RMS)	mA	<200	Input: 220Vac Output: Full load
15	Charge finish condition		V>29V + I<0.2A	
16	LED color		Red: charging Green: finish/idle Flashing: error (shorted or	
17	Output protect	-	OCP & OVP	
18	Efficiency	%	80%	At max. load
Environment				
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	
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	650	
28	Size	mm	170X71X51	Casing only
29	Connectors	-	Defined when order	
Safety				
30	Max. temperature rise	°C	< 40 on casing	At any line and Max. Load
31	Safety standards	-	EN60335-2-29 UL1310	
32	EMC standard	-	EN55014	
33	MTBF	hrs	30000	
34	Limited power source	VA	-	
35	ESD	kV	8.0	
36	Hi-Pot Insulation	V	i/p to o/p: 3000 (1 min.)	For final unit, cut-off current =10mA

SHENZHEN ABT ELECTRONICS CO., LTD.

Tel:86-755-89958277 Fax:86-755-89958274 Email:sales@SZABT.com Http://www.SZABT.com

SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
ISSUE DATE :	6/12/2008 3:22:00 PM			
COMMON/UNITE	DOC. NO:		REV.: 1.0	PAGE: 2 OF 1

铭牌内容

Li-ion Battery Charger
 MODEL:L100-24/36
 INPUT:100~240V 50/60Hz
 OUTPUT:2.8V±2.8mA
 LED/Red Charging Green Finished
 SHENZHEN ABT CO.,LTD

布衣母插A 示意图 (1: 1)

2#孔接正极 (+)
 1#孔接负极 (-)
 3#孔空置

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 (两扁插管孔) /American plug

2 欧洲插头 (圆插头) /European plug

增加垃圾桶

1	处数	更改前内容
设计		样板设计
绘图		复核
审核		版本 AI
审批		日期 08/4/23

L100-24/36

充电器

锂聚合物电池

客户	数量	重量	比例
通用客户			1:3
共	张	第	张
			AE00-531

深圳奥博特电子有限公司