



DATE: 2018-05-23

SPECIFICATION

MODEL		LC-2533	NAME	Class 2 battery charger	PHOTO 
PART NO.			SPEC.	12V 800mA	
Switch Power Supply; For 12V lead-acid battery AGM or 12V GEL battery.					
I	INPUT PROPERTY				
	1	AC input voltage range		90Vac~264Vac	Universal
	2	AC input voltage rating		100Vac~240Vac	
	3	AC input frequency		47Hz~63Hz	
	4	AC input current		0.2A@115Vac/0.13A@230Vac	Max. (RMS)
	5	AC input power		15W	Max.
	6	AC input static state current		50mA	Max.
	OUTPUT PROPERTY				
	1	Output voltage range		10~15Vdc	
	2	Output Current		800mA@12Vdc	±10%
	3	Output power		12W	Max.
	4	Bulk charge current rating		800mA	Typical
	5	Bulk charge voltage rating		14.7Vdc	±0.3Vdc
	6	Float charge voltage rating		13.3Vdc	±0.3Vdc
	7	Light switching current		200mA	±50mA
II	GENERAL CHARACTERISTICS				
	1	Efficiency		68%	Typical
	2	Over load protection		<1 A	
	3	Short circuit protection		Enable	
	4	Reversed polarity connectors protection		Enable	
	5	Operating temperature		0°C~40°C	
	6	Storage temperature		-30°C~85°C	
	7	Operating relative humidity		8%~90%	
	8	Storage relative humidity		5%~95%	
III	INDICATOR STATUS				
	1	Green LED on		Empty load or float charge	
	2	Red LED on		Bulk charge	
	3				
	4				
	5				


EXTRACELL

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IV	SAFETY					
	1	Withstand Voltage (Hi-Pot)		3000Vac ≤10mA (60s)		I/P to O/P
	2	Insulation Resistance		>100MΩ @500Vdc		25°C&70%RH
	3	Temperature Rise		<75°C		Case
	4	Safety Standard		ETL		
	RELIABILITY					
VI	1	Spot test		Burn in 24h at 40°C		Full load
	2	Whole test		Burn in 1h at 40°C		Full load
	3					
VII	MECHANICAL CHARACTERISTICS					
	1	Net Weight		90g		
	2	Dimension		80×50×57mm		L×W×H
	3	Enclosure		Plastic case		
VIII	CHARGE CHARACTERISTICS					
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