


EXTRACELL

DATE:2012-03-16

SPECIFICATION

MODEL		LC-2211	NAME	Class 2 battery charger	PHOTO	
PART NO.			SPEC.	6V 4A		
Switch Power Supply; For 6V lead-acid battery AGM or 6V GEL battery						
I	INPUT PROPERTY					
	1	AC input voltage range	90Vac~264Vac		Universal	
	2	AC input voltage rating	100~240Vac			
	3	AC input frequency	47Hz~63Hz			
	4	AC input current	0.62A@115Vac/0.3A@230Vac		Full Load	
	5	AC input power	36W		Max.	
	6	AC input static state current	50mA		Max.	
	OUTPUT PROPERTY					
	1	Output voltage range	5V~7.5Vdc			
	2	Output Current	4A@6Vdc		±10%	
	3	Output power	28W		Max.	
	4	Bulk charge current rating	4A		Typical	
	5	Bulk charge voltage rating	7.35Vdc		±0.15V	
	6	Float charge voltage rating	6.85Vdc		±0.15V	
	7	Light switching current	800mA		±200mA	
II	GENERAL CHARACTERISTICS					
	1	Efficiency	70%		Typical	
	2	Over load protection	<6A			
	3	Short circuit protection	Enable			
	4	Reversed polarity protection	Enable			
	5	Operating temperature	0℃~40℃			
	6	Storage temperature	-30℃~85℃			
	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					


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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℃ &70%RH	
	3	Temperature Rise		<75℃			Case	
	4	Safety Standard		UL1310 (E248494)				
	5	EMI/RFI Standard		Designed to meet EN55022-B				
	RELIABILITY							
VI	1	Spot test		Burn in 24h at 50℃			Full load	
	2	Whole test		Burn in 2h at 50℃			Full load	
	3							
VII	CHARGE CHARACTERISTICS							
	1	Net Weight		430g				
	2	Dimension		138mm×72mm×42mm			L×W×H	
	3	Enclosure		Plastic case				
VIII	CHARGER CHARACTERISTICS							
	Charge current (A) 4A 800mA 0A Constant current Constant voltage Float charge Charge voltage (V) 7.35V 6.85V 5V 0V Voltage Current							