



**EXTRACELL**

DATE:2016-12-28

## SPECIFICATION

MODEL		LC-2217+CONN	NAME	Class 2 battery charger	PHOTO	
PART NO.			SPEC.	36V 1.9A		
Switch Power Supply; For 36V lead-acid battery AGM or 36V 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		1.45A@115Vac/0.85A@230Vac	RMS	
	5	AC input power		103W	Max.	
	6	AC input static state current		75mA	Max.	
	OUTPUT PROPERTY					
	1	Output voltage range		24~45Vdc		
	2	Output Current		1.9A@36Vdc	±10%	
	3	Output power		88W	Max.	
	4	Bulk charge current rating		1.9A	Typical	
	5	Bulk charge voltage rating		44.1Vdc	±0.9Vdc	
	6	Float charge voltage rating		41.2Vdc	±0.6Vdc	
	7	Light switching current		380mA	± 100mA	
II	GENERAL CHARACTERISTICS					
	1	Efficiency		83%	Typical	
	2	Over load protection		<3A		
	3	Short circuit protection		Enable		
	4	Reversed polarity connectors protection		Enable		
	5	Start low voltage protection		24V	±2V	
	6	Operating temperature		0℃~40℃		
	7	Storage temperature		-30℃~85℃		
	8	Operating relative humidity		8%~90%		
	9	Storage relative humidity		5%~95%		
III	INDICATOR STATUS					
	1	Green LED on		Float charge		
	2	Green LED flashing		Power on & Empty load		
	3	Red LED on		Bulk charge		
	4	Red LED flashing		Short circuit or reversed polarity connectors protection		

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MODEL	LC-2217+CONN		NAME	Class 2 battery charger	SPEC.	36V 1.9A
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					
V	1	Spot test		Burn in 24h at 40℃		Full load
	2	Whole test		Burn in 1h at 40℃		Full load
	3					
VI	MECHANICAL CHARACTERISTICS					
	1	Net Weight		810g		
	2	Dimension		165*95*60mm		±1mm
	3	Enclosure		Plastic case		
VII	CHARGER CHARACTERISTICS					
	<div><div><div>Charge current (A)</div><div><div>1.9A</div><div>0.38A</div><div>0A</div></div><div>▶ Constant current ◀▶ Constant voltage ◀◀◀ Float charge ◀</div></div><div><div>Charge voltage (V)</div><div><div>44.1V</div><div>41.2V</div><div>24V</div><div>0V</div></div><div>Voltage</div><div>Current</div></div></div>					