

深圳市迈科盛电源技术有限公司
Shenzhen Marxon Power Supply Co. Ltd.

FILE NO.:

VERSION NO.:

DATE:

SPECIFICATION					
MODEL	LC-2207	NAME	Class 2 battery charger	PHOTO	
PART NO.		SPEC.	12V 1A		
Switch Power Supply; For 12V lead-acid battery only.					
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	0.3A@115Vac/0.19A@230Vac	Max. (RMS)	
	5	AC input power	23W	Max.	
	6	AC input static state current	30mA	Max.	
	OUTPUT PROPERTY				
	1	Output voltage range	10~15Vdc		
	2	Output Current	1A@12Vdc	±10%	
	3	Output power	14.5W	Max.	
	4	Bulk charge current rating	1A	Typical	
	5	Bulk charge voltage rating	14.7Vdc	±0.3Vdc	
	6	Float charge voltage rating	13.65Vdc	±0.15Vdc	
	7	Light switching current	200mA	± 50mA	
II	GENERAL CHARACTERISTICS				
	1	Efficiency	68%	Typical	
	2	Over load protection	<1.5 A		
	3	Short circuit protection	Enable		
	4	Reversed polarity connectors 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				

PREPARED BY:

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IV	SAFETY							
	1	Withstand Voltage (Hi-Pot)		3750Vac ≤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 40℃			Full load	
	2	Whole test		Burn in 1h at 40℃			Full load	
	3							
VII	MECHANICAL CHARACTERISTICS							
	1	Net Weight		205g				
	2	Dimension		82mm*57mm*45mm			L×W×H	
	3	Enclosure		Plastic case				
VIII	CHARGE CHARACTERISTICS							

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