

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

FILE NO.:

VERSION NO.:S-2

DATE:

SPECIFICATION					
MODEL	LC-2212	NAME	Class 2 battery charger	PHOTO	
PART NO.		SPEC.	12V 1.8A		
Switch Power Supply; For 12V lead-acid battery only.					
I	INPUT PROPERTY				
	1	AC input voltage range	85Vac~264Vac		Universal
	2	AC input voltage rating	100Vac~240Vac		
	3	AC input frequency	47Hz~63Hz		
	4	AC input current	0.3A@ 115Vac/0.16A @ 230Vac		Max. (RMS)
	5	AC input power	35W		Max.
	6	AC input static state current	50mA		Max. (RMS)
	OUTPUT PROPERTY				
	1	DC Output voltage range	10~15.0Vdc		
	2	DC Output Current	1.8A @ 12Vdc		± 10%
	3	DC Output power	26.5W		Max.
	4	Bulk charge current rating	1.8A		Typical
	5	Bulk charge voltage rating	14.7Vdc		± 0.3Vdc
	6	Float charge voltage rating	13.65Vdc		± 0.15Vdc
	7	Light switching current	360mA		± 90mA
II	GENERAL CHARACTERISTICS				
	1	Efficiency	75% (Typical)		At Max. Load
	2	Over load protection	<3A		
	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	Floating charge or empty load		
	2	Red LED on	Bulk charge		
	3				
	4				
	5				

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MODEL	LC-2212		NAME	CLASS 2 BATTERY CHARGER		SPEC.	12V 1.8A	
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℃			Enclosure	
	4	Safety Standard		UL1310 (E248494)			Approved	
	5	EMI/RFI Standard		Designed to meet EN55022-B				
	RELIABILITY							
VI	1	Spot test		Burn in 24 hours at 40℃				
	2	Whole test		Burn in 1 hour at 40℃				
	3							
VII	MECHANICAL CHARACTERISTICS							
	1	Net Weight		430g				
	2	Dimension		138mm×72mm×42mm			L×W×H	
	3	Enclosure		Plastic case				
VIII	CHARGER CHARACTERISTICS							
	Charge current (A) 1.8A 360mA 0A Charge voltage (V) 14.7V 13.65V 10V 0V Voltage Current Constant current Constant voltage Float charge							

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