

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

FILE NO.:

VERSION NO.: A

DATE:

SPECIFICATION				
MODEL	LC-2191	NAME	CLASS 2 BATTERY CHARGER	PHOTO
PART NO.	Up to1800CC	SPEC.	12V 8A	
This charger is used for charging 12V Lead-Acid rechargeable battery only, other type of battery may burst causing injury to persons and damage.				
INPUT PROPERTY				
I	1	AC input voltage range	200Vac~240Vac	Universal
	2	AC input voltage rating	220Vac~240Vac	
	3	AC input frequency	50Hz	± 3Hz
	4	AC input current	0.5Aac@ 230Vac	Max. (RMS)
	5	AC input power	105W	Max.
	6	AC input static state current	80mA	Max. (RMS)
OUTPUT PROPERTY				
I	1	DC Output voltage range	10-15.0Vdc	
	2	DC Output Current	8A rms 12Vdc	± 10%
	3	DC Output power	80W	Max.
	4	Bulk charge current rating	6.0Aac 8Arms	Fast
	5	Bulk charge voltage rating	14.7Vdc	± 0.3Vdc
	6	Float charge voltage rating		
	7	Light switching Voltage	14.3Vdc	± 0.3Vdc
GENERAL CHARACTERISTICS				
II	1	Efficiency	70% (Typical)	At Max. Load
	2	Over load protection		fusing
	3	Short circuit protection		fusing
	4	Reversed polarity protection		fusing
	5	Operating temperature	0℃~40℃	
	6	Storage temperature	-30℃~85℃	
	7	Operating relative humidity	8%~90%	
	8	Storage relative humidity	5%~95%	
INDICATOR STATUS				
III	1	Green LED , Orange LED on	No load or Float charge	
	2	Red LED on	fusing	
	3	Orange LED on	Charging	
	4			
	5			



PREPARED BY:

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IV	SAFETY				
	1	Withstand Voltage (Hi-Pot)	3750Vac 10mA (60 Sec.)	I/p to O/p	
	2	Insulation resistance	More than 100MΩ at 500Vdc	25℃ & 70%RH	
	3	Temperature Rise	<75℃	Enclosure	
	4	Safety Standard	Designed to meet CE		
	5	EMI/RFI Standard	Designed to meet CE Class 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	3047g		
	2	Dimension			
	3	Enclosure	Plastic case		

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