

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:

<b>SPECIFICATION</b>					
<b>MODEL</b>	LC-2190	<b>NAME</b>	CLASS 2 BATTERY CHARGER	<b>PHOTO</b>	
<b>PART NO.</b>	1200CC	<b>SPEC.</b>	12V 5A		
This charger is used for charging 12V Lead-Acid rechargeable battery only, other type of battery may burst causing injury to persons and damage.					
<b>INPUT PROPERTY</b>					
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	0.3Aac@ 230Vac	Max. (RMS)	
	5	AC input power	70W	Max.	
	6	AC input static state current	80mA	Max. (RMS)	
	<b>OUTPUT PROPERTY</b>				
	1	DC Output voltage range	10-15.0Vdc		
	2	DC Output Current	3A dc 12Vdc Fast 4A dc 12Vdc	± 10%	
	3	DC Output power	60W	Max.	
	4	Bulk charge current rating	3A(4A rms),Fast:4A(5A rms)	Typical	
	5	Bulk charge voltage rating	14.7Vdc	± 0.3Vdc	
	6	Float charge voltage rating			
	7	Light switching Voltage		± 0.3Vdc	
<b>GENERAL CHARACTERISTICS</b>					
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°C~40°C		
	6	Storage temperature	-30°C~85°C		
	7	Operating relative humidity	8%~90%		
	8	Storage relative humidity	5%~95%		
<b>INDICATOR STATUS</b>					
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:

CHECKED BY:

APPROVED BY:

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IV	<b>SAFETY</b>				
	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 UL1310		
	5	EMI/RFI Standard	Designed to meet CE Class B		
	<b>RELIABILITY</b>				
V	1	Spot test	Burn in 24 hours at 40℃		
	2	Whole test	Burn in 1 hour at 40℃		
	3				
VI	<b>MECHANICAL CHARACTERISTICS</b>				
	1	Net Weight	2473g		
	2	Dimension	180*113*300mm	L*W*H	
	3	Enclosure	Plastic case		

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