

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-2193	NAME	CLASS 2 BATTERY CHARGER	PHOTO	
PART NO.	Fully Auto	SPEC.	12V 11A		
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	0.55Aac@ 230Vac	Max. (RMS)	
	5	AC input power	130W	Max.	
	6	AC input static state current	80mA	Max. (RMS)	
	OUTPUT PROPERTY				
	1	DC Output voltage range	10-15.0Vdc		
	2	DC Output Current	7.5Adc 12Vdc {230Vac}	± 10%	
	3	DC Output power	90W	Max.	
	4	Bulk charge current rating	7.5Adc(11A rms) [Bike 1.6Adc 2.3A rms]	Typical	
	5	Bulk charge voltage rating	14.7Vdc {standard}, 14.3Vdc {sealed}	± 0.3Vdc	
	6	Float charge voltage rating	13.7Vdc	± 0.3Vdc	
	7	Light switching Voltage	14.7Vdc{standard}, 14.3Vdc{sealed}	± 0.3Vdc	
GENERAL CHARACTERISTICS					
II	1	Efficiency	70% (Typical)	At Max. Load	
	2	Over load protection			
	3	Short circuit protection	Enable		
	4	Reversed polarity protection	Enable		
	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%		
INDICATOR STATUS					
III	1	Red LED on	Power on		
	2	Green LED1 on ,Orange LED on	Charge		
	3	Green LED1 on, Green LED2 on	Float Charging		
	4				
	5				



PREPARED BY:

CHECKED BY:

APPROVED 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 UL1310		
	5	EMI/RFI Standard	Designed to meet CE Class B		
	RELIABILITY				
V	1	Spot test	Burn in 24 hours at 40℃		
	2	Whole test	Burn in 1 hour at 40℃		
	3				
VI	MECHANICAL CHARACTERISTICS				
	1	Net Weight	3070g		
	2	Dimension	180*113*300	L*W*H	
	3	Enclosure	Plastic case		

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