

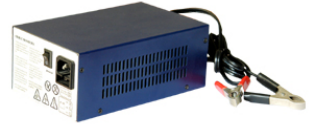
深圳市迈科盛电源技术有限公司
Shenzhen Marxon Power Supply Co. Ltd.

FILE NO.:

VERSION NO.: A

DATE:

SPECIFICATION					
MODEL	LC5-24-6A	NAME	CLASS 2 BATTERY CHARGER	PHOTO	
PART NO.	LC-2153	SPEC.	24V 6A		
This charger is used for charging 24V 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	90Vac~132Vac/185Vac~264Vac		
	2	AC input voltage rating	100Vac~120Vac/200Vac~240Vac		
	3	AC input frequency	60Hz/50Hz		
	4	AC input current	3.8A @ 115Vac/2A @ 230Vac	Max. (RMS)	
	5	AC input power	230W	Max.	
	6	AC input static state current	0.16A	Max. (RMS)	
	OUTPUT PROPERTY				
	1	Output voltage range	20-30.0Vdc		
	2	Output Current	6A @ 24Vdc	± 5%	
	3	Output power	180W	Max.	
	4	Bulk charge current rating	6A	Typical	
	5	Bulk charge voltage rating	29.4Vdc	± 0.6Vdc	
	6	Float charge voltage rating	27.3Vdc	± 0.3Vdc	
	7	Light switching current	1.2A	± 300mA	
GENERAL CHARACTERISTICS					
II	1	Efficiency	75% (Typical)	At Max. Load	
	2	Over load protection	<12A		
	3	Short circuit protection	Enable		
	4	Reversed polarity connectors 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	Orange LED on	Bulking charge		
	3	Green LED on	Floating charge or empty load		
	4				
	5				



PREPARED BY:

CHECKED BY:

APPROVED BY:

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MODEL	LC5-24-6A	NAME	CLASS 2 BATTERY CHARGER	SPEC.	24V 6A
IV	SAFETY				
	1	Withstand Voltage (Hi-Pot)	3000Vac 10mA (60 Sec.)	I/p to O/p	
	2	Insulation resistance	More than 100MΩ at 500Vdc	25°C & 70%RH	
	3	Temperature Rise	<75°C	Enclosure	
	4	Safety Standard	Designed to meet UL1012/CSA		
	5	EMI/RFI Standard	Designed to meet CE Class B	EN55022-B	
VI	RELIABILITY				
	1	Spot test	Burn in 24 hours at 40°C	Full load	
	2	Whole test	Burn in 2hour at 40°C	Full load	
VII	MECHANICAL CHARACTERISTICS				
	1	Net Weight	1.5Kg		
	2	Dimension	208mm×130mm×82mm	L×W×H	
VIII	CHARGER CHARACTERISTICS				
	<p style="text-align: center;"> Charge current (A) Charge voltage (V) </p> <p style="text-align: center;"> 6A 29.4V </p> <p style="text-align: center;"> 1.2A 27.4V </p> <p style="text-align: center;"> 0A 20V </p> <p style="text-align: center;"> 0V </p> <p style="text-align: center;"> Constant current Constant voltage Float charge </p>				

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