

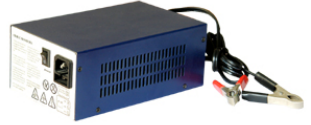
深圳市迈科盛电源技术有限公司
Shenzhen Marxon Power Supply Co. Ltd.

FILE NO.:

VERSION NO.:

DATE:

SPECIFICATION					
MODEL	LC5—24-10A	NAME	Class 2 battery charger	PHOTO	
PART NO.	LC-2155	SPEC.	24V 10A		
Switch Power Supply; For 24V lead-acid battery only.					
INPUT PROPERTY					
I	1	AC input voltage range	90Vac~132Vac/185Vac~264Vac	Universal	
	2	AC input voltage rating	100Vac~120Vac/200Vac~240Vac		
	3	AC input frequency	47Hz~63Hz		
	4	AC input current	6A@115Vac/3.5 A@230Vac	Max. (RMS)	
	5	AC input power	300W	Max.	
	6	AC input static state current	0.16A	Max.	
	OUTPUT PROPERTY				
	1	Output voltage range	17~30.0Vdc		
	2	Output Current	10A@24Vdc	±10%	
	3	Output power	375W	Max.	
	4	Bulk charge current rating	10A	Typical	
	5	Bulk charge voltage rating	29.4Vdc	±0.6Vdc	
	6	Float charge voltage rating	27.3 Vdc	±0.3Vdc	
	7	Light switching current	2 A	±600mA	
GENERAL CHARACTERISTICS					
II	1	Efficiency	80%	Typical	
	2	Over load protection	<15A		
	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	Bulk charge		
	3	Green LED on	Floating charge or empty load		
	4				
	5				



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MODEL	LC5-24-10A	NAME	Class 2 battery charger	SPEC.	24V 10A
IV	SAFETY				
	1	Withstand Voltage (Hi-Pot)	3000Vac ≤10mA (60s)	I/P to O/P	
	2	Insulation Resistance	>100MΩ @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 24h at 40°C	Full load	
	2	Whole test	Burn in 2h at 40°C	Full load	
	3				
VII	MECHANICAL CHARACTERISTICS				
	1	Net Weight	1.5Kg		
	2	Dimension	208×130×82mm	L×W×H	
	3	Enclosure	Metal case		
VIII	CHARGE CHARACTERISTICS				
	<div style="text-align: center;"> <p>A</p> <p style="text-align: center;">Charge current (A) Charge voltage (V)</p> <p style="text-align: center;">10A 29.4V</p> <p style="text-align: center;">2A 27.3V</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> </div>				

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