

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

FILE NO.:

VERSION NO.:S-1

DATE:

SPECIFICATION					
MODEL	LC-2216	NAME	Class 2 battery charger	PHOTO	
PART NO.		SPEC.	12V 6A		
Switch Power Supply; For 12V lead-acid battery only.					
I	INPUT PROPERTY				
	1	AC input voltage range	90Vac~264Vac	Universal	
	2	AC input voltage rating	100Vac~240Vac		
	3	AC input frequency	47Hz~63Hz		
	4	AC input current	1.45A@115Vac/0.85A@230Vac	Max. (RMS)	
	5	AC input power	106W	Max.	
	6	AC input static state current	75mA	Max.	
	OUTPUT PROPERTY				
	1	Output voltage range	10~15Vdc		
	2	Output Current	6A@12Vdc	±10%	
	3	Output power	88W	Max.	
	4	Bulk charge current rating	6.0A	Typical	
	5	Bulk charge voltage rating	14.7Vdc	±0.3Vdc	
	6	Float charge voltage rating	13.65Vdc	±0.15Vdc	
	7	Light switching current	1.2mA	±300mA	
II	GENERAL CHARACTERISTICS				
	1	Efficiency	78%	Typical	
	2	Over load protection	<9A		
	3	Short circuit protection	Enable		
	4	Reversed polarity protection	Enable		
	5	Operating temperature	0℃~40℃		
	6	Storage temperature	-30℃~85℃		
	7	Operating relative humidity	8%~90%		
	8	Storage relative humidity	5%~95%		
III	INDICATOR STATUS				
	1	Green LED on	Empty load or float charge		
	2	Red LED on	Bulk charge		
	3				
	4				
	5				

PREPARED BY:

CHECKED BY:

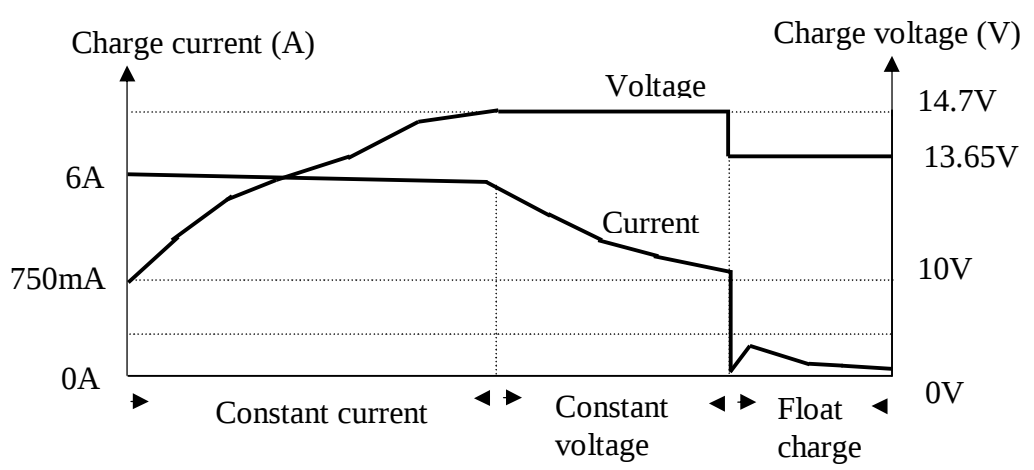
APPROVED BY:

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IV	SAFETY				
	1	Withstand Voltage (Hi-Pot)	3750Vac ≤10mA (60s)	I/P to O/P	
	2	Insulation Resistance	>100MΩ @500Vdc	25℃ &70%RH	
	3	Temperature Rise	<75℃	Case	
	4	Safety Standard	UL1310 (E248494)		
	5	EMI/RFI Standard	Designed to meet En55022-B		
	RELIABILITY				
VI	1	Spot test	Burn in 24h at 40℃	Full load	
	2	Whole test	Burn in 1h at 40℃	Full load	
	3				
VII	MECHANICAL CHARACTERISTICS				
	1	Net Weight	610g		
	2	Dimension	158mm×90mm×52.2mm	L×W×H	
	3	Enclosure	Plastic case		
VIII	CHARGE CHARACTERISTICS				
	Charge current (A) Charge voltage (V)  6A 750mA 0A Constant current Constant voltage Float charge 14.7V 13.65V 10V 0V				

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