


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

FILE NO.:

VERSION NO.: B

DATE

SPECIFICATION				页次: 1/2
MODEL	LC-2236	NAME	GOLF CART CHARGER	PHOTO 
PART NO.		SPEC.	48V/25A	
. Switch Power Supply; For 48V lead-acid battery only				
I	INPUT PROPERTY			
	1	AC input voltage range	185~264Vac/90~132Vac	Universal
	2	AC input voltage rating	200~240Vac/100~130Vac	
	3	Input low voltage protection	180-185VAC/85-90VAC	
	4	AC input frequency	47Hz~63Hz	
	5	AC input current	11A@220Vac/18A@115VAC	Max. (RMS)
	6	AC input power	1750W	Max.
	7	AC input static state current	40mA	Max.
	OUTPUT PROPERTY			
	1	Output voltage range	32~60.2Vdc	
	2	Output low voltage protection	32Vdc	±1Vdc
	2	Output high voltage protection	62Vdc	±0.5Vdc
	3	Output Current	24A-25.5A@48Vdc	
	4	Output power	1500W	Max.
	5	Bulk charge current rating	24A-25.5A	
	6	Bulk charge voltage rating	60Vdc	±0.2Vdc
	7	Float charge voltage rating	60.0Vdc	±0.2Vdc
	8	Before 90% charged current	8.5A	±0.5A
	9	After 90% charged current	5.5A	±0.5A
II	GENERAL CHARACTERISTICS			
	1	Efficiency	86%	Typical
	2	Over load protection	<28A	
	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				
1	Empty Load	The left Green LED on & other led flash by turns		
2	Bulk charge	The left Green LED & red LED on		
3	90% charged	The left Green led & yellow LED on		
4	100% charged	1 Both green LED ON		

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SPECIFICATION				页次: 2/2	
MODEL	LC-2236	NAME	Class 2 battery charger	SPEC.	48V 25A
IV	SAFETY				
	1	Withstand Voltage (Hi-Pot)	1500Vac ≤10mA (60s)		I/P to O/P
			1500Vac ≤10mA (60s)		I/P to E/P
			500Vac ≤10mA (60s)		O/P to E/P
	2	Insulation Resistance	>100MΩ @500Vdc		25°C &70%RH
	3	Temperature Rise	<45°C		Case
	4	Safety Standard	Designed to meet UL1310		
	5	EMI/RFI Standard	Designed to meet EN55022-B		
RELIABILITY					
VI	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	5.3kg		
	2	Dimension	315mm*175mm*110mm		L×W×H
	3	Enclosure	metal case		
VIII	CHARGER CHARACTERISTICS				

PREPARED BY:

CHECKED BY:

APPROVED BY: