


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				页次: 1/2
MODEL	LC-2235	NAME	GOLF CART CHARGER	PHOTO 
PART NO.		SPEC.	36V/25A	
. Switch Power Supply; For 48V lead-acid battery only				

I	INPUT PROPERTY			
	1	AC input voltage range	185Vac~264Vac	Universal
	2	AC input voltage rating	200Vac~240Vac	
	3	Input low voltage protection	180-185VAC	
	4	AC input frequency	47Hz~63Hz	
	5	AC input current	10A@220Vac	Max. (RMS)
	6	AC input power	1300W	Max.
	7	AC input static state current	40mA	Max.
	OUTPUT PROPERTY			
	1	Output voltage range	24~45Vdc	
	2	Output low voltage protection	24Vdc	±1Vdc
	2	Output high voltage protection	46Vdc	±0.5Vdc
	3	Output Current	24A-25.5A@36Vdc	
	4	Output power	1125W	Max.
	5	Bulk charge current rating	24A-25.5A	
	6	Bulk charge voltage rating	44.8Vdc	±0.2Vdc
	7	Float charge voltage rating	44.8Vdc	±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-2235	NAME	Class 2 battery charger	SPEC.	36V 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				
	<p style="text-align: center;">Charge current (A)</p> <p style="text-align: center;">25 A 8.5A 5.5A 0A</p> <p style="text-align: center;">15MIN 12H MAX 16H MAX 2H</p> <p style="text-align: right;">T</p>				

PREPARED BY:

CHECKED BY:

APPROVED BY: