


SPECIFICATION

MODEL	LC3-24-2A	NAME	Class 2 battery charger	PHOTO	
PART NO.	LC-2145	SPEC.	24V 2A		
Switch Power Supply; For 24V lead-acid battery only.					

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	0.938A@110Vac/0.532A@230Vac	Max.(RMS)
5	AC input power	66W	Max.
6	AC input static state current	40mA	Max.

OUTPUT PROPERTY

1	Output voltage range	20.0~30Vdc	
2	Output Current	1.8A @ 24Vdc	±10%
3	Output power	56.4W	Max.
4	Bulk charge current rating	1.8A	Typical
5	Bulk charge voltage rating	29.4Vdc	± 0.6Vdc
6	Float charge voltage rating	27.3Vdc	± 0.3Vdc
7	Light switching current	300mA	± 120mA

GENERAL CHARACTERISTICS

1	Efficiency	80%	Typical
2	Over load protection	<3A	
3	Short circuit protection	Within 5s	
4	Reversed polarity connectors protection	Prohibit	
5	Operating temperature	0 ~40	
6	Storage temperature	-30 ~85	
7	Operating relative humidity	8%~90%	
8	Storage relative humidity	5%~95%	

INDICATOR STATUS

1	Green LED on	Empty load or float charge	
2	Red LED on	Bulk charge	
3			
4			
5			

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SAFETY

1	Withstand Voltage (Hi-Pot)	3000Vac 10mA (60s)	I/P to O/P
2	Insulation resistance	>100MO @ 500Vdc	25 & 70%RH
3	Temperature Rise	<75	Case
4	Safety Standard	UL1310 (E248494)	Approved
5	EMI/RFI Standard	Designed to meet En55022-B	

RELIABILITY

1	Spot test	Burn in 24h at 40	Full load
2	Whole test	Burn in 1h at 40	Full load
3			

MECHANICAL CHARACTERISTICS

1	Net Weight	470g	
2	Dimension	138mm× 72mm× 42mm	L × W × H
3	Enclosure	Plastic case	

CHARGER CHARACTERISTICS

