EXTRACELL®

DATE: 2014-6-5

SPECIFICATION

PHOTO

MODEL	LC-2223	**NAME**	CLASS 2 BATTERY CHARGER
PART NO.		**SPEC.**	12V 3A

Switch Power Supply; For 12V lead-acid battery AGM or 12V GEL battery.

I		**INPUT PROPERTY**		
	1	AC input voltage range	85Vac~264Vac	Universal
	2	AC input voltage rating	100Vac~240Vac	
	3	AC input frequency	47Hz~63Hz	
	4	AC input current	0.9A@115Va/0.6A@230Vac	Max. (RMS)
	5	AC input power	54W	Max.
	6	AC input static state current	50mA	Max. (RMS)
		OUTPUT PROPERTY		
	1	DC Output voltage range	8~15.0Vdc	
	2	DC Output power	42W	Max.
	3	Bulk charge current rating	3A @ 12Vdc	±10%
	4	Bulk charge voltage rating	14.7Vdc	±0.3Vdc
	5	Float charge voltage rating	13.7Vdc	13.5V-13.95Vdc
	6	Float switching current	500mA	±100mA
	7	Bulk current And Bulk voltage charge Time	12H(Max)	±5%
II		**GENERAL CHARACTERISTICS**		
	1	Efficiency	70% (Typical)	At Max. Load
	2	Over load protection	<4A	
	3	Output low voltage protection	8V	±10%
	3	Short circuit protection	Enable	
	4	Reversed polarity connectors 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	Full charged or empty load	
	2	Red LED on	Bulk charge	
	3	Red and Green Flashing	Short or Reversed polarity connector	

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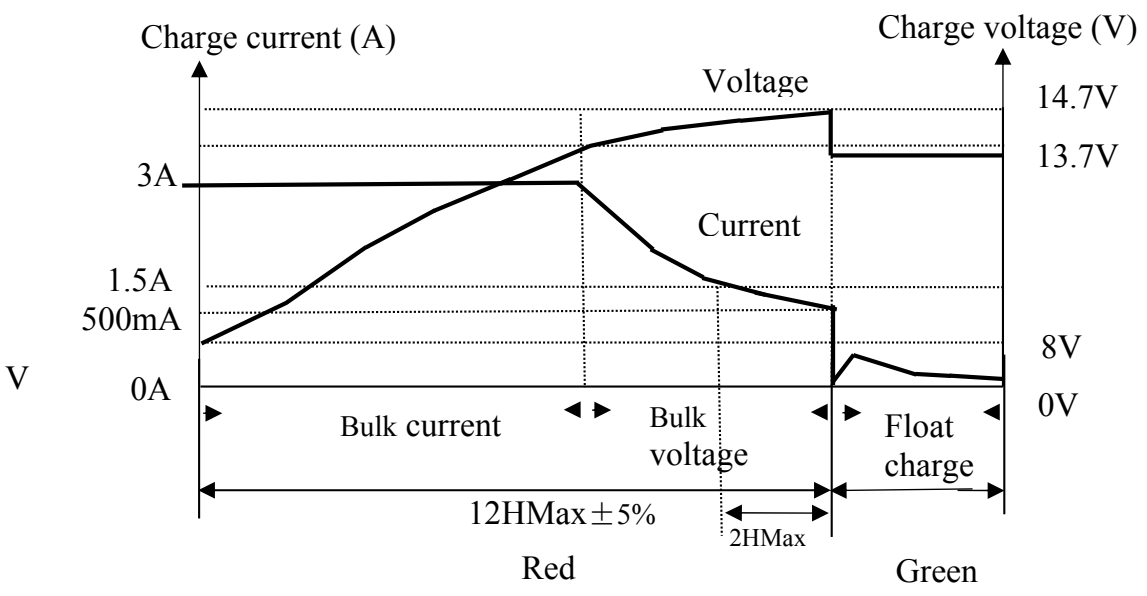
Ⅳ	**SAFETY**			
	1	Withstand Voltage (Hi-Pot)	3000Vac≤10mA (60s)	I/p to O/p
	2	Insulation resistance	>100MΩ @ 500Vdc	25℃&70%RH
	3	Temperature Rise	<75℃	Enclosure
	4	Safety Standard	CUL	Approved
	5	EMI/RFI Standard	FCC	Class B
	RELIABILITY			
Ⅴ	1	Spot test	Burn in 24 hours at 40℃	
	2	Whole test	Burn in 1 hour at 40℃	
	3			
Ⅵ	**MECHANICAL CHARACTERISTICS**			
	1	Net Weight	430g	
	2	Dimension	138mm×72mm×42mm	L×W×H
	3	Enclosure	Plastic case	
Ⅶ	**CHARGER CHARACTERISTICS**			



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