POWER ENERGY

VERSION NO.:A/0 DATE:2016-10-15

SPECIFICATION

MODEL	PB-CH06010	**EAN13**	4897111760758	
SPEC.	Class 2 battery charger : Switch Power Supply; 6V 1A For 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	0.16A@115Vac/0.11A@230Vac	Max. (RMS)
	5	AC input power	13.5W	Max.
	6	AC input static state current	30mA	Max.
	OUTPUT PROPERTY			
	1	Output voltage range	5~7.5Vdc	
	2	Output Current	1A@6Vdc	±10%
	3	Output power	7.8W	Max.
	4	Bulk charge current rating	1A	Typical
	5	Bulk charge voltage rating	7.35Vdc	±0.15Vdc
	6	Float charge voltage rating	6.7Vdc	±0.2Vdc
	7	Light switching current	250mA	±50mA
II	**GENERAL CHARACTERISTICS**			
	1	Efficiency	58%	Typical
	2	Over load protection	<1.5A	
	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	Empty load or float charge	
	2	Red LED on	Bulk charge	
	3			
	4			
	5			

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SPECIFICATION

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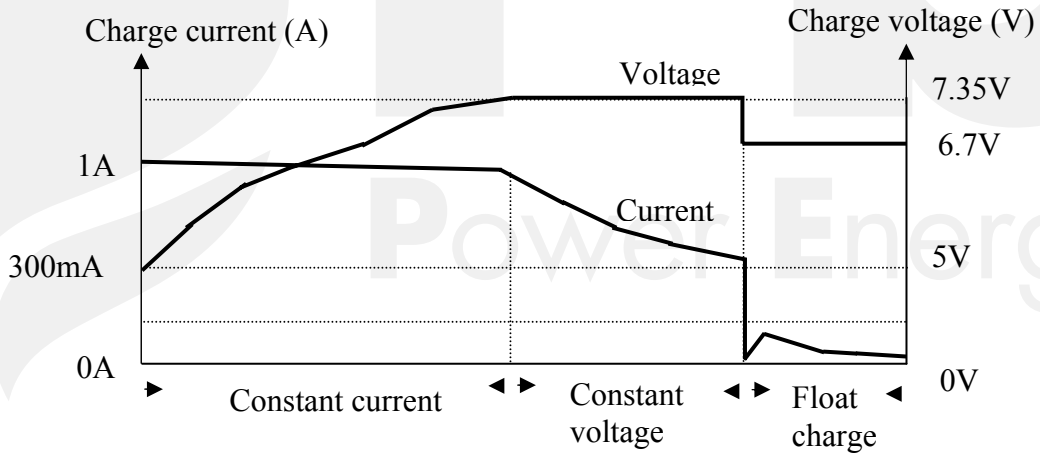
Ⅳ	**SAFETY**			
	1	Withstand Voltage (Hi-Pot)	3000Vac ≤10mA (60s)	I/P to O/P
	2	Insulation Resistance	>100MΩ @500Vdc	25℃ &70%RH
	3	Temperature Rise	<75℃	Case
	4	Safety Standard	ETL	UL1310
	5	EMI/RFI Standard	FCC	Part15-B
Ⅵ	**RELIABILITY**			
	1	Spot test	Burn in 24h at 40℃	Full load
	2	Whole test	Burn in 1h at 40℃	Full load
	3			
Ⅶ	**MECHANICAL CHARACTERISTICS**			
	1	Net Weight	90g	
	2	Dimension	80*50*57mm	L×W×H
	3	Enclosure	Plastic case	

Ⅷ **CHARGE CHARACTERISTICS**



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