

<b>SPECIFICATION</b>				
<b>MODEL</b>	LC-2217	<b>NAME</b>	Class 2 battery charger	<b>PHOTO</b> 
<b>PART NO.</b>		<b>SPEC.</b>	36V 1.9A	
Switch Power Supply, For 36V lead-acid battery only.				
<b>I</b>	<b>INPUT PROPERTY</b>			
	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	1.45A@115Vac/0.85A@230Vac	Max. (RMS)
	5	AC input power	103W	Max.
	6	AC input static state current	75mA	Max.
	<b>OUTPUT PROPERTY</b>			
	1	Output voltage range	30~45V dc	
	2	Output Current	1.9A@36V dc	±10%
	3	Output power	88W	Max.
	4	Bulk charge current rating	1.9A	Typical
	5	Bulk charge voltage rating	44.1V dc	±0.9V dc
	6	Float charge voltage rating	41.0V dc	±0.45V dc
7	Light switching current	380mA	±50mA	
<b>II</b>	<b>GENERAL CHARACTERISTICS</b>			
	1	Efficiency	83%	Typical
	2	Over load protection	<3A	
	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%	
<b>III</b>	<b>INDICATOR STATUS</b>			
	1	Green LED on	Empty load or float charge	
	2	Red LED on	Bulk charge	
	3			
	4			
	5			

## SPECIFICATION

MODEL	LC-2217	NAME	Class 2 battery charger	SPEC.	36V 1.9A
IV	<b>SAFETY</b>				
	1	Withstand Voltage (Hi-Pot)	3000Vac $\leq$ 10mA (60s)	I/P to O/P	
	2	Insulation Resistance	$>100M\Omega$ @500Vdc	25°C & 70%RH	
	3	Temperature Rise	$<75^{\circ}C$	Case	
	4	Safety Standard	UL1310 (E248494)		
	5	EMI/RFI Standard	Designed to meet EN55022-B		
VI	<b>RELIABILITY</b>				
	1	Spot test	Burn in 24h at 40°C	Full load	
	2	Whole test	Burn in 2h at 40°C	Full load	
VII	<b>MECHANICAL CHARACTERISTICS</b>				
	1	Net Weight	610g		
	2	Dimension	158mm×90mm×52.2mm	L×W×H	
VIII	<b>CHARGER CHARACTERISTICS</b>				
	<p style="text-align: center;"> <span style="margin-right: 100px;">Charge current (A)</span> <span>Charge voltage (V)</span> </p> <p style="text-align: center;"> <span style="margin-right: 100px;">1.9A</span> <span>44.1V</span> </p> <p style="text-align: center;"> <span style="margin-right: 100px;">380mA</span> <span>41.0V</span> </p> <p style="text-align: center;"> <span style="margin-right: 100px;">0A</span> <span>30V</span> </p> <p style="text-align: center;"> <span style="margin-right: 100px;">0V</span> </p> <p style="text-align: center;"> <span style="margin-right: 100px;">Constant current</span> <span>Constant voltage</span> <span>Float charge</span> </p>				