

## Sealed Lead Acid Battery Charger

■ Specifications		
<b>Item Description</b>	Smart C3-Stages SLA Charger	24V 1.5A Lead Acid battery charger
<b>Input</b>	Rating Input Voltage	100 ~ 240VAC (50 ~ 60Hz)
	Input Voltage Range	90 ~ 264VAC
	Rating Input Current	1.0A RMS, 220VAC
	Max Input Power (W)	55
<b>Output</b>	Output Voltage (VDC)	27.6
	Output Current (mA)	20VDC ~ 30VDC
	For Battery Type	24V 6.0 ~ 13.5Ah VRLA
	Charging Current (Stage 1)	1.5 ± 0.15 @24V
	Charging Voltage (Stage 2)	29.1V ± 0.3V
	Floating Voltage (Stage 3)	27.3V ± 0.30V
	Cut-Off Current (Stage 2~3)	< 0.30 ± 0.1A
	Typical Charging Time (hours)	8
	Max. Output Power	45W
	Hold-on time (ms)	NC Input:220VAC Output:Full load
	Ripple current (mA)	400 Input:220VAC Output:Full load
	Charge finish condition	V > 29V +I < 0.3A
	LED color	Red: Charging Green: Finish/idle
	Output protection	OCP & OVP & Polarity error protection
	Efficiency	80% (min)
<b>Environmental</b>	Operating Temperature (°C)	0 ~ +40
	Operating Humidity (%)	20 ~ 90
	Storage Temperature (°C)	-40 ~ +70
	Storage Humidity (%)	10 ~ 95
	Cooling	Natural convection
	Vibration resistance	5MM/50HZ/600S
	Impact resistance	1 meter drop test >= 3 times
<b>Mechanical</b>	Weight (g)	380
	Size (mm)	120 x 60 x 38
<b>Safety</b>	Max. temperature rise (°C)	< 40 on casing
	Safety standards	EN60335-2-29, UL1310, SAA
	EMC standard	FCC part15, EN55014, C-TICK
	MTBF	40000
	Limited power source	
	ESD	8.0kV
	Hi-Pot Insulation	Input to Output 3000VAC (1 min.)