



SMPS BASED BATTERY CHARGER

HIGH EFFICIENCY LOW PROFILE CHARGER

Features:

- Precise CC/CV control for smooth charging
- Wide Input range (85 ~ 265 VAC, 50 Hz)
- Undervoltage and Overvoltage protection
- Over Load and Short circuit protection
- Low working temperature.
- Input surge current limiting.
- Ultra compact power supply.
- Industrial grade components.
- Low Ripple & Noise.
- Soft start.
- High Efficiency.
- On board EMI/RMI filter
- Over Temp Shutdown
- Reliable and cost efficient.
- Screw/ jack type connectors
- Adjustable Output Voltage +/- 10% (Sel. models)



Best suited
for
charger
inside Panel

Specification:

AC Input	: 85 ~ 264 V AC (47-63 Hz) / DC
DC Output	: please ref. output specification
Ripple/Noise	: Less than 1% Pk-Pk (BW 20 Mhz)
Over Voltage	: set at 125% (+/-5%) of output voltage
Withstand Voltage	: I/P-O/P : 3Kv.
Line Regulation	: +/- 1% on full load
Load Regulation	: on main of +/- 1%
Working Temperature	: 10~60 Deg.C.
Efficiency	: >75% typical @ full rated load
Safety Standard	: to comply with UL 1950, IEC 950
Fusing	: through MOR/ Glass fuse.
Protection	: Overload, Over voltage & Short Circuit Protected.

Model No:

Model No	Input Volt AC/DC	Output	
		Volt	Amp
PCS-0603	85-264	6	3
PCS-0605	85-264	6	5
PCS-1203	140-264	12	3
PCS-1205	140-264	12	5
PCS-1210	140-264	12	10
PCS-1215	140-264	12	15
PCS-1220	140-264	12	20
PPS-2402	140-264	24	2
PPS-2405	140-264	24	5
PPS-2410	140-264	24	10



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