

# 180~240W Single Output Battery Charger

UL / CUL / TUV / CB / CE pending



- Optimal 3 stage charging characteristic
- AC input range selectable by switch
- Passive PFC compliance to EN61000-3-2 class A (optional)
- Protections: Short circuit / Overload / Over voltage / Over temp. / Reverse polarity
- Charger for lead-acid batteries
- Built-in ON/OFF power switch
- 3 poles AC inlet (IEC 320-C14)
- 2 color LED loading indicator
- Cooling by free air convection
- High reliability
- 2 years warranty

AC input voltage range . . . . 90~132VAC / 180~264VAC selectable by switch

AC inrush current (max.) .. Cold start, 30A at 115VAC, 60A at 230VAC

Overload protection . . . . . 90~110% constant current limiting, auto-recovery

Over voltage protection . . . 108~130% rated output voltage

Withstand voltage . . . . . I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC,  
O/P-FG: 0.5KVAC, 1 minute

Working temperature . . . . . -20~40°C ( refer to output derating curve )

Safety standards . . . . . UL60950-1, TUV EN60950-1,  
EN60335-2-29 pending (PB-240□-12,24)

EMC standards . . . . . EN55022 class B, EN61000-4-2,3,4,5,6,8,11,  
EN61000-3-2,3, ENV50204

Stock No.	Model No.	Output (20min.) / (Continuous)	Effi.
1309□	PB-240□-12	14.4V, 16.7A / 12.5A	84%
1309□	PB-240□-24	28.8V, 8.4A / 6.25A	84%
1309□	PB-240□-48	57.6V, 4.2A / 3.20A	85%