

# 7X30A



Features:	Specification:
1 High efficiency, high reliability 2 Complies with FCC part 15 subpart J class B 115VAC operation and CISPR 22 3 Complies with UL1950, CSA C22.2 LEVEL3 IEC 950, VDE 0805, NEMKO, CE, CCC 4 Output over voltage protection 5 Short circuit protection on all output 6 MTBF above 30,000 hrs, at 40°C 7 100% Hi-pot and ATE tested 8 100% burn-In under high ambient temp(50°C)	1 Temperature Range: Operating 0°C-40°C 2 Storage & shipping -15°C-65°C 3 Temperature Coefficient: 0.01%/°C 4 Transient Response: Output voltage returns in less than 1 ms max, at a 25% load change 5 Efficiency: 85% Min at full load 6 Hold-up Time: 16 mS minimum at full load & nominal Input voltage 7 Dielectric Withstand: 1800VAC 3S 8 Humidity: 5-95%

## Input Characteristics

Input Rang: 90-132VAC/176-264VAC

Frequency: 47-63Hz

## Output Characteristics

**CV MODE:** Charge voltage: 4.20+/-0.5V

Line Regulation: +/-1%,

Load Regulation: +/-1%

Ripple&Noise: 200mV MAX

**CC MODE:** Charge current: 30A+/- 2A

Line Regulation: +/-1%,

Load Regulation: +/-1%

Ripple current: 200mA MAX

## Charge methods:

After turn on the charger, the system will first check the polarity and voltage of each cell, if the voltage of any cell below 2V, the charge current will changed to small value, if the voltage is still below 2V, charger will shut down.. If the voltage reach 3V ,the charge current will changed to normal value. The charging time and pre-charging time, ON/OFF delay can be controlled.

**Protection:** UV,OV,OT protection. Output signal: Fault signal, Charge complete signal, ON/OFF signal, PG signal, CC mode signal.

**Display:** Charge voltage and current, Charging time. (LED or LCD) Option.

**Size:** 460X220X70mm