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chargers & maintainers

model # 24BC8000L-1

upg #71714

Specifications:

4-Stage Linear SLA Fan Cooled Charger

Input Voltage: 120VAC
Input Current: 4.0A at 120VAC
Input Frequency: 60Hz
Output Voltage:
Bulk Charge: 29.2VDC +/- 0.7VDC
Float Charge: 27.4VDC +/- 0.5VDC

Output Current:
Bulk Charge: 8A +/- 0.5A
Float Charge: <1.2A

Over-Voltage Protection: 30VDC
Over-Current Protection: 8.5A max.
Leakage Current: <1.0mA

Efficiency: >50%

Battery Size Range: 24AH - 100AH

Dielectric Strength: Primary to Case: DC2121 Vrms, 3.5mA for 1 minute
Primary to Secondary: DC4242 Vrms, 3.5mA for 1 minute

Insulation Resistance: 50 MΩ @ 500VDC, Input to Output

Operating Temperature: 0 Deg. C to +40 Deg. C

Storage Temperature: -10 Deg. C to +80 Deg. C



LED Status Indication:

LED 1: AC Power indicator – Power ON Red

LED 2: Fast charge – Yellow (Yellow blinks when in the Pre-Qualification stage)

LED 3: Charged/Float Charge – Green

Connector Open: Red Power LED ON, Yellow & Green LED's OFF

Battery Failure: Red Power LED ON, Yellow & Green LED's flashing

Protection:

Short Circuit Protection, Over Current Protection, Over Voltage Protection, Polarity Reversal

Connector: 3 Pin D (XLR type), Pin 1 = Positive, Pin 2 & 3 = ground

Safety Standards: UL1012, CUL

