

Xenotronix HPX60 Sealed Lead-Acid Battery Charger

The HPX60 is a two stage, temperature compensated, constant voltage battery charger with current limiting. It is designed to automatically switch to a float charge after the battery is charged. It is protected against reversing the output terminals on a battery and short circuits. Standard models are available for charging 12 V and 24 V batteries and they can be easily modified to charge batteries between 4 V and 48V. The standard voltages will work with most AGM and Gel Cell batteries and can also be custom calibrated to your exact specification. The output current can be adjusted to match your specific battery size. A single stage version is available for charging batteries in applications where there may be a parallel load. A switch is provided for selecting between 115 or 230 V input voltage. Please call or email our technical sales department if you have any questions.

Technical Specifications @ 25 °C (77 °F)

Input Power Requirements

115 or 230 VAC, 50-60 Hz, 0.98 A

Available Charge Current Range

2 A – 4 A for 12 V models

1 A – 2 A for 24 V models

Battery Recommendations

Up to 40 Ah for 12 V, 4 A models

Up to 20 Ah for 24 V, 2 A models

Standard Charge Voltage

14.4 V for 12 V models

28.8 V for 24 V models

Standard Float Voltage

13.6 V for 12 V models

27.2 V for 24 V models

Change from Charge to Float

When current drops to 13% of maximum

Dimensions

6.65" W x 5.3" D x 3.4" H

Weight

7.4 lbs.

Operating Temperature

0 to 35 °C or 32 to 95 °F

Storage Temperature

-40 to 80 °C or -40 to 176 °F

Additional Features:

IEC-60320 power inlet accepts detachable power cords

6' Power cord with Nema 5-15P plug provided standard

115/230 Volts input selection switch

3' output cable with insulated battery clips provided standard

User replaceable fuse holder with integral spare fuse

Full metal enclosure to ensure field reliability

Temperature compensated

Custom charge voltages and currents available

Custom output cables available

Single tri-color LED indicator (power/charge/fault)

Private labeling available