

Black Hawk 1350-120/60-36; 1350-120/60-48; 1350-240/60-36; 1350-240/60-48

AC Input Voltage	120 volts or 240 volts AC, nominal; single-phase only
Nominal Input Voltage Tolerance	±10% (108-132 volts or 216-264 volts)
AC Input Current	14 amps @ 120V input or 7 amps @ 240V input with full load (1350 VA) applied
Input Frequency	60, ± 1 Hz
Line Reject Value	95V @ 120V input or 192V @ 240V input
Line Accept Value	105V @ 120V input or 210V @ 240V input
Power Factor	0.9 typical; nominal line input and >25% load
Output Voltage	60 / 75 / 89 VAC selectable taps
Output Voltage Tolerance	-5% and +2% load regulation over input range
Output Current	15 amps
Minimum Output Current	Not less than 1 amp load required
Output Power	1350 VA / 1223 W
Efficiency (Line Mode)	Better than 90% over line voltage range, at full load
Efficiency (Inverter Mode)	Better than 85% at nominal battery, full load
Run Time (Battery Input)	Greater than 2 hours @ full load with 110A-H battery
DC Input (Battery) Voltage	3-battery system (18-cells): 36 V nominal 4-battery system (24-cells): 48 V nominal
Low Battery Shutdown	1.75 V/cell (default) configurable to 1.65, 1.70 or 1.80 V/cell
Charger Acceptance Voltage	3-battery system: not less than 28 volts 4-battery system: not less than 38 volts
Inverter Acceptance Voltage	3-battery system: not less than 36 volts 4-battery system: not less than 48 volts
Battery Charge Current	5 amps @ nominal AC input
Battery Float Voltage	2.28 V/cell (default) configurable to 2.25, 2.30, 2.32 or 2.35 V/cell
Temperature Compensation	-0.05V/°F (-0.09V/°C) slope
Protection	DC Input: 60A magnetic/hydraulic circuit breaker AC Output: 20A thermal circuit breaker
Transfer Time	Seamless; 4 milliseconds or less, typical
Liquid Crystal Display (LCD)	Two-line alpha-numeric display w/ green backlight 3.25" L x 0.75" H (82.5 mm L x 19 mm H)
Operating Temperature Range	-40°C to +60°C (-40°F to +140°F) at 5% to 95% relative humidity, non-condensing
Size	8.6" H x 15" W x 12.5" D (219 mm x 381 mm x 318 mm)
Weight	64 Lbs. (29 Kg)