

Portable Inverter and Charge Controller

FEATURES

- High Efficiency / Rugged Inverter
- High Efficiency / Rugged Charge Controller
- Forced Air Cooling
- Renewable Energy Circuit Breaker
- Human / Machine Interface
- Weatherproof
- Twist-Lock Electrical Connections
- Ethernet based Web Server on Some Models

MECHANICAL

- Weight: 130 lbs.
Max: 250 lbs.
- Size: (inches)
31.6 x 23 x 19.5

ELECTRICAL

- Inverter
Power:
3.6 kW – 10.8kW
Voltage:
1-Phase 120V
Split Phase 120/240V
3-Phase 120V / 208V
- Charge Controller
Power : 4000 W



The Apollo Power Converter is a portable inverter / charge controller unit. It charges batteries via the renewable energy or supplementary generators attached to it. It also converts renewable or stored energy in DC form into usable AC power. The standard output for the APC is 120V, 60 Hz and is rated for 3.6kW continuous and 5kW surge. Power converters are also available with split phase 120V / 240V AC as well as 3-phase 208V. Up to ten single phase power converters can be paralleled to provide up to 36kW of continuous power. Each power converter can accommodate four Apollo Energy Storage cases and four Apollo MMX solar trackers. Energy Storage connection ports can also be used to daisy chain multiple power

converters together. Daisy chained converters share the resources attached to either power converter. One supplementary generator can be connected to each power converter and is controlled by the power converter based on battery voltage. An operator interface is provided on each power conversion case. The operator interface provides a convenient way to monitor system parameters and customize system performance. Operating autonomously, the power converter can provide energy for isolated loads such as lighting, communications, water purification, or refrigeration. Multiple power converters can be connected together accommodate the more extensive electrical needs of a forward operating base.

