



- Meets/Exceeds current and future BABAA Requirements
- Load Shedding
- TrueUPS Seamless Transfer Waveform
- High Efficiency of > 97% (PFC STAGE) at Full Load Over Entire Operating Voltage Range
- High Power Factor > 0.99 and < 5% THD From Medium-to-Full Load (50% to 100%)
- High Efficiency 95 - 98% (INVERTER STAGE) at Full Load Over Entire Operating Voltage Range
- High Efficiency of > 98% (TRANSFORMER STAGE)
- High Efficiency of > 95% (CHARGER STAGE)
- Permits Linear Transformer to Operate at the **Exact** Voltage Required
- Voltage Range - **80 to 265VAC** (Compared to 80 to 171VAC)
- Frequency Range – 45 to 65HZ
- GPS Location Supported
- Enhanced Security w/256-bit User and PW Encryption
- System Fully Configurable Via OLED Display, Bluetooth (Cellphone) or Web
- Ethernet Ports, USB Port
- 4-Stage Temperature Compensated **Smart** Charger Supports ALL Re-Chargeable Battery Types
- Charge Status (Voltage, Current)
- SoC (State of Charge) (Remaining Battery Energy Compared to Total Capacity)
- SoH (State of Health) (Capacity and Other Parameters)
- Programmable dry contact relays
- Custom data equations
- User defined threshold and digital alarms
- Multiple users with settable permissions
- Update Firmware/Software or Clone configuration via USB Port
- Rotatable OLED Screen
- Fault Status
- Transfer Switch Status
- Environmental
 - Ambient Temperature
 - Battery Temperature

DATA LOGS

- Alarms - Configurable
- Battery
- Data
- Event
- Power Outage
- Performance (Min/Max/Ave) (Input /Output volts/current)