

## Photovoltaics (PV) - Under Development

### Solar Charge Controller

- Intelligent Maximum Power Point Tracking technology
- Microprocessor controlled
- Automatic battery voltage detection
- Three-stage charging optimizes battery performance
- Auto load-detection
- Multifunction LCD displays detailed information
- Reverse polarity protection of solar panel and battery
- Short circuit and overload protection
- Optional IP 43 protection for outdoor and harsh environment
- Optional RS-232/RJ45 ports for remote monitoring

Solar Charge Controller



On-Grid PV Inverter



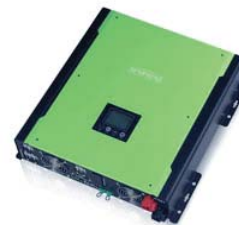
### On-Grid PV Inverter

- 3KW/4KW/5KW on-grid PV inverter
- Advanced DSP control technology delivers accurate data
- Two smart independent MPPTs to enhance overall efficiency
- Up to 96% high conversion efficiency
- Modulized design for easy maintenance
- Industrial-grade components used for robust operation
- Data log up to 15 years
- IP 65 protection for outdoor and harsh environment
- 5-year product warranty
- Optional monitoring software

### Hybrid PV Inverter

- 3KW hybrid inverter
- Pure sine wave output
- Microprocessor controlled to guarantee stable charging system
- Multiple operations: Grid tie, Off grid, and grid-tie with backup
- Built-in MPPT solar charger
- LCD display panel for comprehensive information
- Multiple communication
- Green substitution for generators
- User-adjustable charging current up to 25A

Hybrid PV Inverter



## LCD Power Supply

### LCD Monitor PSU - Inverter

- Customized specification
- Full range input
- Small and reliable design
- Support 16", 18", 19", 22", 24" LCD monitors and up
- Built-in short circuit, over voltage, and over current protection
- High efficiency

### LCD Monitor PSU - Inverter



### LCD Monitor PSU - LIPS

- Intergrated inverter
- Full range input
- Multiple output option available
- Support 16", 18", 19", 22", 24" LCD monitors and up
- Built-in short circuit, over voltage, and over current protection
- High efficiency

### LCD Monitor PSU - LIPS



### LCD TV PSU - Power



### LCD TV PSU - Power

- Customized specification
- Small and reliable design
- Full range input
- Support up to 4 outputs
- Power up to 60" LCD TV
- Built-in short circuit, over voltage, and over current protection
- High efficiency

### LCD TV PSU - Super LIPS



### LCD TV PSU - Super LIPS

- Intergrated inverter
- Full range input
- Support up to 4 outputs
- Power up to 60" LCD TV
- Optional slim design
- Built-in short circuit, over voltage, and over current protection
- High efficiency

### LED-BL LCD PSU

- Customized designed for LED backlit LCD displays
- Full range input
- Support up to 4 outputs
- Ultra slim design
- Built-in short circuit, over voltage, and over current protection
- High efficiency & Low power consumption

### LED-backlit LCD PSU



## Uninterruptible Power Supply (UPS)

### Standby UPS for personal uses

- 400VA/600VA/800VA standby UPS
- Compact size with stand and mounting flexibility
- Simulated sine wave
- Cold start function
- Full protection: Discharge, overcharge, short circuit, thermal protection
- Auto restart while AC is recovering

400VA/600VA/800VA Standby UPS



### Line interactive UPS for small business

- 400VA/600VA/800VA line interactive UPS
- Compact size
- Simulated sine wave
- Cold start function
- Boost and buck AVR for voltage stabilization
- Off-mode charging
- Auto restart while AC is recovering
- Generator compatible

400VA/600VA/800VA line interactive UPS



800VA ~ 3KVA line interactive UPS



### Line interactive UPS for corporation servers

- 800VA/1.1KVA/1.5KVA/2KVA/2.5KVA/3KVA line interactive UPS
- User-friendly and easy-shift LCD display
- Rack/Tower design
- Programmable power management outlets
- ECO operation for energy saving
- Emergency Power Off function(EPO)
- Build-in boost and buck AVR
- Output power factor 0.8
- Hot-swappable battery design

1KVA ~ 6KVA true double-conversion online UPS



### Online UPS for large data center

- 1KVA/1.5KVA/2KVA/3KVA/5KVA/6KVA true double-conversion online UPS
- Output power factor 0.8
- Wide input voltage range(110V - 300V)
- Programmable power management outlets
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Smart battery charger design to optimize battery performance
- Maintenance by pass available for 6K and up models
- Optional N+X parallel redundancy available for 6K and up models
- Adjustable battery numbers for 6K and up models