

PRO SERIES

400 ~ 3000V



Features

- AVR boost and buck
- Cold start function
- Smart RS232/USB interface for power management
- Built-in Self-diagnostic function
- Modem/LAN internet protection
- Compatible with generator set (optional)
- LCD or LED panel for option
- Fastest charging capacity
- Auto charging at off mode
- Auto-restart function

LCD or LED panel for option



Two kinds of color LCD display



LED display



Optional socket

1. AC input
2. Output socket
3. USB & RJ11 communication
4. USB & RS232 communication
5. RJ45



Rear Panel

Technical Specifications:

| MODEL | PRO600 | PRO800 | PRO1000 | PRO1200 | PRO1500 | PRO2000 | PRO3000 |
|--------------------------------------|---|--------------|--------------|---------------|--|--------------|--------------|
| Capacity (VA/Watts) | 600 / 360 | 800 / 480 | 1000 / 600 | 1200 / 720 | 1500 / 900 | 2000 / 1200 | 3000 / 1800 |
| INPUT | | | | | | | |
| Nominal input voltage | 110/120 Vac or 220/230/240 Vac | | | | | | |
| Operating voltage range | 81 ~ 145 Vac / 162 ~ 290 Vac | | | | | | |
| Operating frequency range | 50/60 Hz (± 10%) | | | | | | |
| OUTPUT | | | | | | | |
| Output voltage range (Batt. Mode) | Simulated sine wave at nominal voltage ± 10% | | | | | | |
| Frequency range (Batt. Mode) | 50 or 60Hz ± 1Hz | | | | | | |
| Transfer time | Typical 2~6 ms, 10ms max. | | | | | | |
| BATTERY | | | | | | | |
| Battery type & number | 12 V/4.5Ah x 1 | 12 V/7Ah x 1 | 12 V/9Ah x 1 | 12V/7Ah x 2 | 12 V/7Ah x 2 | 12 V/9Ah x 2 | 12 V/9Ah x 2 |
| Typical recharge time | 6~8 hours (to 90% of full capacity) | | | | | | |
| SYSTEM FEATURES | | | | | | | |
| Indicators | AC Mode (Green LED lighting) | | | | The 5th Green LED lighting (The 1st to 4th green LED lighting to indicate load level) LED1 (green): >100% load level LED2 (green): >75% load level LED3 (green): >50% load level LED4 (green): >25% load level | | |
| | Battery Mode (Amber LED flashing) | | | | The 5st green blinking (The 1st to 4th green LED lighting to indicate battery capacity) LED1 (green): battery voltage > 25V LED2 (green): battery voltage > 23V LED3 (green): battery voltage > 22V LED4 (green): battery voltage > 21V | | |
| | Fault (Red LED lighting) | | | | | | |
| Protection | Overload and overcharge protection | | | | | | |
| Alarm | Battery Mode: Sounding every 10 seconds | | | | | | |
| | Low battery: Sounding every second | | | | | | |
| | Overload: Sounding every 0.5 second | | | | | | |
| | Battery replacement alarm: Sounding every 2 seconds | | | | | | |
| | Fault: Continuously sounding | | | | | | |
| Communication interface | USB/RS-232 (optional),Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC | | | | | | |
| ENVIRONMENTAL | | | | | | | |
| Operating temperature | 0 ~ 40 °C | | | | | | |
| Humidity range | 0 ~ 95%(non-condensing) | | | | | | |
| Noise level | <40dB (1 meter from surface) | | | | | | |
| PHYSICAL | | | | | | | |
| Dimension D×W×H (mm) | 298×101×142 | | | 338×149.3×162 | | 380×158×198 | |
| Net weight (kg) | 3.55 | 4.25 | 4.9 | 7.8 | 8 | 11.1 | 11.5 |
| STANDARDS | | | | | | | |
| Safety | IEC/EN62040-1;IEC/EN60950-1 | | | | | | |
| EMC | IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8 | | | | | | |

Specifications are subject to change without prior notice.