

## OFFLINE SERIES 400VA ~ 2000VA

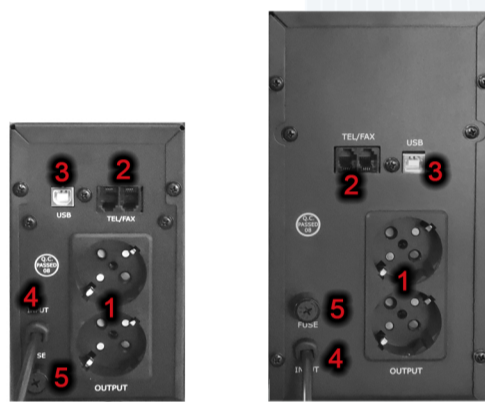


### Features

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC

### Back Side

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse



400 VA ~ 800 VA

1500 VA ~ 2000 VA

### Specifications

| MODEL            | PSD400   | PSD600            | PSD800            | PSD1200           | PSD1500           | PSD2000           |                 |   |
|------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---|
| Capacity         | 400 VA<br>240 W  | 600 VA<br>360 W   | 800 VA<br>480 W   | 1200 VA<br>720 W  | 1500 VA<br>900 W  | 2000 VA<br>1200 W |                 |   |
| <b>INPUT</b>     |  |                   |                   |                   |                   |                   |                 |   |
| Voltage          | 100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional) |                   |                   |                   |                   |                   |                 |   |
| Frequency        | 50 / 60 Hz ± 1% (auto-sensing)   |                   |                   |                   |                   |                   |                 |   |
| <b>OUTPUT</b>    |  |                   |                   |                   |                   |                   |                 |   |
| Voltage          | 100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%                                     |                   |                   |                   |                   |                   |                 |   |
| Frequency        | 50 / 60 Hz ± 1% (auto-sensing)   |                   |                   |                   |                   |                   |                 |   |
| Waveform         | Mains mode: pure sine wave; Battery mode: simulated sine wave                              |                   |                   |                   |                   |                   |                 |   |
| Transfer time    | Typical 2 ~ 7 ms, 10 ms max.   |                   |                   |                   |                   |                   |                 |   |
| <b>BATTERIES</b> |  |                   |                   |                   |                   |                   |                 |   |
| DC voltage       | 12 V   |                   |                   | 24 V              |                   |                   |                 |   |
| Configuration    | 12 V / 4.5 Ah x 1  | 12 V / 7.0 Ah x 1 | 12 V / 8.0 Ah x 1 | 12 V / 7.0 Ah x 2 | 12 V / 8.0 Ah x 2 | 12 V / 9.0 Ah x 2 |                 |   |
| Recharge time    | 6 ~ 8 h  |                   |                   |                   |                   |                   |                 |   |
| <b>OTHERS</b>    |  |                   |                   |                   |                   |                   |                 |   |
| Protections      | Short circuit - battery overcharge - overdischarge - overload - surge                      |                   |                   |                   |                   |                   |                 |   |
| Communications   | USB / RS232 / SNMP (optional)  |                   |                   |                   |                   |                   |                 |   |
| Humidity         | 20 ~ 90% RH @ 0 ~ 40°C (non-condensing)  |                   |                   |                   |                   |                   |                 |   |
| Noise level      | ≤ 45 dB (1 m)  |                   |                   |                   |                   |                   |                 |   |
| Plastic case     | Net / Gross weight (kg)  | 3.7 / 4.0         | 4.3 / 4.6         | 5.2 / 5.5         | 8.6 / 9.0         | 10.1 / 10.5       | /               |   |
|                  | Dimensions (W x D x H) (mm)  | 100 x 290 x 140   |                   |                   | 140 x 345 x 170   |                   |                 | / |
|                  | Packaged dimensions (W x D x H) (mm)   | 139 x 335 x 210   |                   |                   | 198 x 406 x 245   |                   |                 | / |
|                  | Quantity / 20 ft   | 2300 pcs          |                   |                   | 1000 pcs          |                   |                 | / |
| Metal case       | Net / Gross weight (kg)  | /                 | 5.1 / 5.4         | 6.3 / 6.6         | 9.6 / 10.1        | 11.3 / 11.7       | 12.9 / 13.3     |   |
|                  | Dimensions (W x D x H) (mm)  | /                 | 95 x 320 x 160    |                   | 125 x 320 x 225   |                   | 125 x 380 x 225 |   |
|                  | Packaged dimensions (W x D x H) (mm)   | /                 | 145 x 375 x 230   |                   | 180 x 390 x 295   |                   | 180 x 450 x 295 |   |
|                  | Quantity / 20 ft   | /                 | 2000 pcs          |                   | 1000 pcs          |                   |                 |   |

- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.