# Pure Sine Wave Line Interactive UPS

**SKD**

Uninterruptible
Power Supply

# PS-3000

PS series line interactive UPS with CPU control, pure sine wave output,wide input voltage, automatic voltage regulator quick transfer time and the charging current is optional. The long back up time models can be connected to external battery as per user's requirement of unlimited back up time.

## Features

- LCD display
- Pure sine wave output
- Microprocessor - based digital control
- Boost and buck AVR for voltage stabilization
- Frequency adaptive
- Humanized alarm system
- Automatically diagnose when starts
- Cold start
- Intelligent battery management
- Output overload and short circuit protection
- Automatically charging battery at UPS off mode
- Intelligent monitoring USB
- Battery sealed lead acid maintenance free (VRLA)

# Specifications

| Model | PS-3000 |
|---|---|
| Capacity | 3000VA |
| Real power Rating | 2100W |
| Display | |
| Indicator on Panel | LCD display |
| AC Mode | |
| Input voltage | 220VAC ± 25% |
| Input frequency | 50/60 Hz Same as AC |
| Output voltage | 200-240VAC |
| Efficiency | ≥ 96% (AC Mode) |
| Short Circuit | Breaker |
| Inverter Mode | |
| Output voltage | 220VAC ± 5% |
| Output frequency | 50/60 ± 1% Hz (Auto detection) |
| Output P.F | 0.7 |
| Output wave form | Pure sine wave |
| Transfer time | 2-6 ms/Typical |
| Efficiency | ≥ 80% (INV Mode) |
| Overload capability | 110% Shut down within 60 sec./120% Shut down within 5 sec. |
| Short Circuit | ≥ 20 ms System shut down automatically |
| BATTERY | |
| Battery model | Sealed maintenance-free lead-acid batteries |
| Standard configuration | 12V9AH x 6 |
| Back-up Time | 5 Mins (Full Load) |
| Charging current | 2-5 A |
| Charging period | 6-8 hours recover to 90% capacity |
| PHYSICAL | |
| Net weight (kg) | 27.9 |
| Dimension (mm) | 440*192*340 |
| Environment | Temperature 0°C-40°C / Humidity 20%-90% |
| Noise level | ≤ 40 db (1m) |
| Altitude | ≤ 3500 m |
| MANAGEMENT | |
| Software | USB |

\* All specifications subject to change without notice.

\* Custom-made specifications are acceptable