



Uninterruptible Power Supply

PURE SINE WAVE With STABILIZER LineInteractive UPS

PS-2000

2000VA/1400W

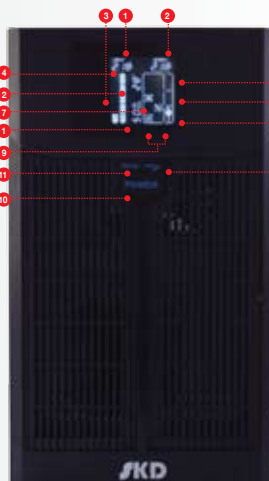
Protech series line interactive UPS with CPU control, pure sine wave output, wide input voltage, automatic voltage regulator quick transfer time and the charging current is optional. The long back up time models can be connected to external battery as per user's requirement of unlimited back up time.



Features

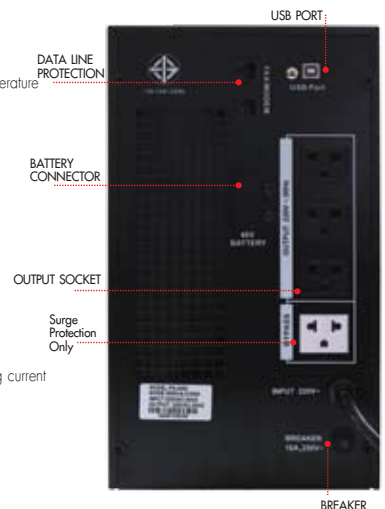
- ◆ LCD display
- ◆ Pure sine wave output
- ◆ Microprocessor - based digital control
- ◆ Boost and buck AVR for voltage stabilization
- ◆ Frequency adaptive
- ◆ Humanized alarm system
- ◆ Automatically diagnose when starts
- ◆ Cold start
- ◆ Intelligent battery management
- ◆ Output overload and short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

Front panel :



1. AC Input Voltage / Input frequency
2. Output Voltage / UPS's internal temperature
3. Battery Capacity
4. Load Level
5. UPS is working in battery mode
6. UPS is working in AC mode
7. Fan Failure
8. UPS will alarm in DC mode
9. Charging current mode
10. Turn on / Turn off / Silence function
11. Choosing the charging current
12. "OK" button for confirming the charging current

Rear panel :



Medical	Telecom	Local area Networks	E-business	Industrial Processes	Servers	Cash Registers	Traffic	Security



บริษัท เอส.ไฮน์ เมทัล เอ็นจิเนียริ่ง จำกัด S.HIGH METAL ENGINEERING CO.,LTD
Tel.02-138-7155 Fax.02-138-7156 email. info@skdpower.com www.skdpower.com



มาตรฐาน 1291-2553 (ฉบับที่ 1)
มาตรฐาน 1291-2553 (ฉบับที่ 2)
มาตรฐาน 1291-2553 (ฉบับที่ 3)

S pecifications

Model PS-2000

Capacity	2000VA
Real power Rating	1400Watts
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
DC voltage	DC 48V
Standard configuration	12V7Ah x 4 Pcs.
Charging current	2-5 A
Charging period	6-8 hours recover to 90% capacity
PHYSICAL	
Net weight (kg)	34.5
Dimension (mm)	455*195*330
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