

FP SERIES



Line Interactive UPS

400VA-2KVA

Applications:



Built-in AVR



Generator compatible



Gaming consoles



Computer

Simple Solution for Home and Office Users

FP Series is a "Lite" UPS to protect your power issue on personal computers. It provides comprehensive protection in a small and economic package. Not only offering greater comprehensive power protection against surges and spikes, it also provides pure voltage with built-in AVR stabilizer. The UPS will continue providing clean and stable power to connected equipment while its embedded microprocessor controller guarantees high reliability, perfect for any home or small office application.

GENERAL FEATURES

- Compact size
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function
- Generator compatible(option)

TECHNICAL SPECIFICATIONS

| MODEL | FP 400 | FP 600 | FP 800 | FP 1000 | FP 1500 | FP 2000 |
|-----------------------------------|--|----------------|----------------|-----------------------------------|-----------------|------------------|
| PHASE | 1-phase in / 1-phase out | | | | | |
| CAPACITY | 400 VA / 240 W | 600 VA / 360 W | 800 VA / 480 W | 1000 VA / 600 W | 1500 VA / 900 W | 2000 VA / 1200 W |
| INPUT | | | | | | |
| Voltage | 110/120 V or 220/230/240 V | | | | | |
| Voltage Range | 81-145 V / 140-290 V | | | | | |
| Frequency Range | 60/50 Hz (auto sensing) | | | | | |
| OUTPUT | | | | | | |
| AC Voltage Regulation(Batt. Mode) | ±10% | | | | | |
| Frequency Range(Batt. Mode) | 60 Hz or 50 Hz ±1 Hz | | | | | |
| Transfer Time | Typical 2 ~ 6 ms | | | | | |
| Waveform(Batt. Mode) | Simulated Sine Wave | | | | | |
| BATTERY | | | | | | |
| Battery Type | 12V / 4.5 Ah | 12V / 7 Ah | 12V / 9 Ah | 12V / 7 Ah | 12V / 9 Ah | 12V / 9 Ah |
| Numbers | 1 | 1 | 1 | 2 | 2 | 2 |
| Typical Recharge Time | 4 hours recover to 90% capacity | | | 4-6 hours recover to 90% capacity | | |
| PROTECTION | | | | | | |
| Full Protection | Overload, discharge, and overcharge protection | | | | | |
| INDICATORS | | | | | | |
| AC Mode | Green lighting | | | Green lighting | | |
| Battery Mode | Green flashing | | | Yellow flashing | | |
| Fault | N/A | | | Red lighting | | |
| ALARM | | | | | | |
| Battery Mode | Sounding every 10 seconds | | | | | |
| Low Battery | Sounding every second | | | | | |
| Overload | Sounding every 0.5 second | | | | | |
| Fault | Continuously sounding | | | | | |
| PHYSICAL | | | | | | |
| Dimension, D x W x H(mm) | 279 (D) x 101 (W) x 142 (H) | | | 320 (D) x 130 (W) x 182 (H) | | |
| Net Weight (kgs) | 3.55 | 42 | 4.9 | 8.2 | 10.4 | 10.6 |
| ENVIRONMENT | | | | | | |
| Operation Humidity | 0-90% RH @ 0-40°C (non-condensing) | | | | | |
| Noise Level | Less than 40 dBA @ 1 Meter | | | | | |



LINE-Interactive UPS BACK-UP TIME

| MODEL | Battery | | | | Back Time (minutes) | | |
|---------|-------------------------|-----------------|------------|----------|---------------------|-----------|-----------|
| | Batt. Output Voltage(V) | Type of Battery | Total Q'ty | 25% Load | 50% Load | 75% Load | 100% Load |
| FP 400 | 12 V | 12V 4.5Ah | 1 | 15min | 8min | 3min | 40sec |
| FP 600 | 12 V | 12V 7.0Ah | 1 | 19min | 6min | 30sec | 5sec |
| FP 800 | 12 V | 12V 9.0Ah | 1 | 20min | 3min | 8min | 5sec |
| FP 1000 | 12 V | 12V 7.0Ah | 2 | 18min | 5min | 1min50sec | 28sec |
| FP 1500 | 12 V | 12V 9.0Ah | 2 | 18min | 6min30sec | 3min30sec | 1min20sec |
| FP 2000 | 12 V | 12V 9.0Ah | 2 | 15min | 3min44sec | 1min36sec | 36min |

NOTE : Data given are the average values, not the minimum values.