

FP SERIES



Line Interactive UPS

450VA-2KVA

Applications:



Built-in AVR



Generator compatible



Game Console



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 450	FP 650	FP 850	FP 1000	FP 1500	FP 2000
PHASE	1-phase in / 1-phase out					
CAPACITY	450 VA / 240 W	650 VA / 360 W	850 VA / 480 W	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W
INPUT						
Voltage	220/230/240 VAC					
Voltage Range	162-290 VAC					
Frequency Range	60/50 Hz (Auto sensing)					
OUTPUT						
Output Voltage	220/230/240 VAC					
AC Voltage Regulation(Batt. Mode)	±10%					
Frequency Range(Batt. Mode)	50 Hz or 60 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	4.2	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					

Product specifications are subject to change without further notice



Backup time table for FP series

MODEL	Battery			Back Time (Min)			
	Type of Battery	Total Q'ty	25% Load	50% Load	75% Load	100% Load	
FP 450	12V 4.5Ah	1	15.0	8.0	3.0	0.67	
FP 650	12V 7.0Ah	1	19.0	6.0	0.5	0.08	
FP 850	12V 9.0Ah	1	20.0	3.0	0.13	0.08	
FP 1000	12V 7.0Ah	2	18.0	5.0	1.83	0.46	
FP 1500	12V 9.0Ah	2	18.0	6.5	3.5	1.33	
FP 2000	12V 9.0Ah	2	15.0	3.73	1.6	0.6	

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