

FP / iFP SERIES



Line Interactive UPS

600VA - 2KVA

Applications:



Built-in AVR



Generator compatible



Game Console



Computer

Simple Solution for Home and Office Users

FP/iFP 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)
- Built-in USB communication port and RJ network protection
- Touch screen LCD to display UPS information circularly (only for iFP series)

TECHNICAL SPECIFICATIONS

MODEL	FP 600	FP 800	FP 1000	FP 1500	FP 2000
PHASE	1-phase in / 1-phase out				
CAPACITY	600 VA / 360 W	800 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 / 7 Ah x1	12V / 9 Ah x1	12V / 7 Ah x2	12V / 9 Ah x2	12V / 9 Ah x2
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)	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 600	12V 7.0Ah	1	19.0	6.0	0.5	0.08
FP 800	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.

TECHNICAL SPECIFICATIONS

MODEL	iFP 600	iFP 800	iFP 1000	iFP 1500	iFP 2000
PHASE	1-phase in / 1-phase out				
CAPACITY	600 VA / 360 W	800 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	12 V/7 Ah x 1	12 V 9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/9 Ah x 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					
LCD Panel	Digital information				
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)	300 (D) x 101 (W) x 142 (H)		320 (D) x 130 (W) x 182 (H)		
Net Weight (kgs)	4.25	4.9	8.2	10.4	11
ENVIRONMENT					
Operation Humidity	0-90% RH @ 0-40°C (non-condensing)				
Noise Level	Less than 40 dBA				

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Backup time table for iFP series

MODEL	Battery			Back Time (Min)		
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