iFP SERIES

Line Interactive UPS

600VA –2KVA

Simple Solution for Home and Office Users

iFP is a compact line-interactive UPS for PCs, home and small-office equipment. Built-in boost and buck AVR stabilizes the voltage without draining the battery, and connected devices restart automatically when mains power returns.

GENERAL FEATURES

- Compact and lightweight design
- Microprocessor control for high reliability
- Automatic restart when AC power is restored
- Simulated sine wave output in battery mode
- Battery charging while the UPS is switched off
- Cold start function (start-up on battery)
- USB communication port and RJ45 network protection
- LCD display with UPS status information

Highlights:

Built-in AVR

Generator compatible

Game Console

Computer

TECHNICAL SPECIFICATIONS

MODEL	iFP600	iFP800	iFP1000	iFP1500	iFP2000
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	50 / 60 Hz (auto sensing)				
OUTPUT					
Output Voltage	220 / 230 / 240 VAC				
Voltage Regulation (Battery Mode)	±10%				
Frequency (Battery Mode)	50 or 60 Hz ±1 Hz				
Transfer Time	Typical 2–6 ms				
Waveform (Battery Mode)	Simulated sine wave				
BATTERY					
Battery Type	12 V / 7 Ah × 1	12 V / 9 Ah × 1	12 V / 7 Ah × 2	12 V / 9 Ah × 2	12 V / 9 Ah × 2
Typical Recharge Time	4 h to 90% capacity		4–6 h to 90% capacity		
PROTECTION					
Protection	Overload, deep discharge and overcharge protection				
DISPLAY & COMMUNICATION					
Display	LCD with UPS status information				
Communication	USB port				
Network Protection	RJ45 in / out				
ALARM					
Battery Mode	Sounds every 10 seconds				
Low Battery	Sounds every second				
Overload	Sounds every 0.5 seconds				
Fault	Sounds continuously				
PHYSICAL					
Dimensions D × W × H (mm)	300 × 101 × 142		320 × 130 × 182		
Net Weight (kg)	4.25	4.9	8.2	10.4	11
ENVIRONMENT					
Operating Temperature	0–40 °C				
Humidity	0–90% RH, non-condensing				
Noise Level	< 40 dBA				

Product specifications are subject to change without notice.

Backup Time – iFP Series

CE

MODEL	Battery		Backup Time (min)			
	Type	Qty	25% Load	50% Load	75% Load	100% Load
iFP600	12 V 7 Ah	1	16.9	3.8	1.5	< 1
iFP800	12 V 9 Ah	1	21.5	8.3	4.1	3.0
iFP1000	12 V 7 Ah	2	23.2	6.4	2.0	< 1
iFP1500	12 V 9 Ah	2	23.5	9.2	4.6	3.1
iFP2000	12 V 9 Ah	2	15.6	5.7	3.0	< 1

Note: Values are typical averages, not guaranteed minimums.