

# iFP+ | Uninterruptible Power Supply

650VA / 850VA / 1200VA / 1500VA / 2000VA



## Applications

- Desktop PC and Workstation
- Industrial PCs (IPCs)
- NAS (Network Attached Storage)
- Wi-Fi Routers and Modems
- Smart Home Hubs
- VoIP Phone Systems
- Point-of-Sale (POS) Systems
- Retail Checkout Counters
- Security and Access Control Systems
- Backup Appliances



Laptop



Router



Security Systems



Voip Phone Systems



Surveillance Systems

iFP+ is designed to deliver dependable backup power and voltage regulation for ICT equipment. With built-in AVR technology, it maintains stable output power while minimizing battery usage, resulting in enhanced efficiency and longer battery life. With built-in graphic LCD design, user is easy to monitor UPS status in real time. It is an ideal power protection solution for both home and business environments.

# Uninterruptible Power Supply | iFP+

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## Product Features

- MCU-Based Digital Control for Precise Performance
- Built-in Automatic Voltage Regulator (AVR) for Stable Output
- Wide Input Voltage Range (162Vac ~ 295Vac)
- Cold Start Capability with Power-On Self-Test
- Automatic Restart upon AC Power Recovery
- Full Protection with Safety Guard Design
- Graphic LCD Display for Monitoring UPS Status
- USB interface for Monitoring Software Connectivity
- RJ45 Ethernet Lightning Surge Protection



| Model Name                    | iFP+ 650                                                                | iFP+ 850      | iFP+ 1200       | iFP+ 1500     | iFP+ 2000      |
|-------------------------------|-------------------------------------------------------------------------|---------------|-----------------|---------------|----------------|
| Phase                         | Single Phase with Ground                                                |               |                 |               |                |
| Capacity                      | 650VA / 390W                                                            | 850VA / 510W  | 1200VA / 720W   | 1500VA / 900W | 2000VA / 1200W |
| Input Specification           |                                                                         |               |                 |               |                |
| Rated Input Voltage           | 220 VAC / 230 VAC / 240 VAC                                             |               |                 |               |                |
| Input Operating Voltage Range | 162 VAC ~ 295 VAC                                                       |               |                 |               |                |
| Frequency Range               | 50 / 60 ± 10% (Auto-sensing)                                            |               |                 |               |                |
| Output Specification          |                                                                         |               |                 |               |                |
| Output Nominal Voltage        | 220VAC / 230VAC / 240VAC                                                |               |                 |               |                |
| Voltage Regulation            | 220VAC / 230VAC / 240VAC ± 10%                                          |               |                 |               |                |
| Rated Frequency               | 50 / 60 ± 1% (Auto-sensing)                                             |               |                 |               |                |
| Power Factor                  | 0.6                                                                     |               |                 |               |                |
| Transfer Time                 | Typical 8ms ; 10ms Max. (AC Mode to Battery Mode)                       |               |                 |               |                |
| Waveform                      | Simulated Sinewave                                                      |               |                 |               |                |
| Battery Specification         |                                                                         |               |                 |               |                |
| Battery Voltage               | 12VDC                                                                   |               | 24VDC           |               |                |
| Battery Capacity              | 12V / 7Ah × 1                                                           | 12V / 8Ah × 1 | 12V / 7Ah × 2   | 12V / 8Ah × 2 | 12V / 9Ah × 2  |
| Typical Recharge Time         | 6~8 Hours recover to 90% capacity                                       |               |                 |               |                |
| System Specification          |                                                                         |               |                 |               |                |
| Protections                   | Short Circuit / Battery Over Charge / Over Discharge / Overload / Surge |               |                 |               |                |
| Display                       | LCD Indication                                                          |               |                 |               |                |
| Interface (Default)           | RJ45 / USB                                                              |               |                 |               |                |
| Noise Level                   | ≤ 45dB @ 1M                                                             |               |                 |               |                |
| Operation Temperature         | 0 ~ 40°C                                                                |               |                 |               |                |
| Relative Humidity             | 0 ~ 90% (Non-Condensing)                                                |               |                 |               |                |
| Dimension (W × D × H mm)      | 100 × 280 × 142                                                         |               | 136 × 328 × 186 |               |                |
| - Net weight (KG)             | 4.2                                                                     | 4.9           | 8.8             | 9.4           | 10.2           |
| - Gross weight (KG)           | 4.7                                                                     | 5.3           | 9.4             | 10            | 10.8           |

Note: FSP reserves the right to modify this specification without prior notice.