FSP
POWER NEVER ENDS

FP+ | 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

FP+ 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. It is an ideal power protection solution for both home and business environments.

FSP TECHNOLOGY INC.

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Uninterruptible Power Supply | FP+

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

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

Model Name	FP+ 650	FP+ 850	FP+ 1200	FP+ 1500	FP+ 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	LED Indicators				
Interface (Default)	None				
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

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