

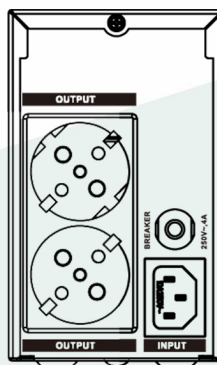
Futurs Star 800VA / 1200VA

Line Interactive UPS Future Star Li-ion Battery Series

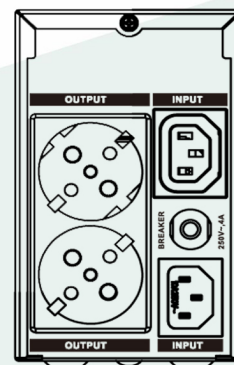
F-Li 800 VA / 1200VA (1ph in / 1ph out)

Key Features:

- CPU controlled
- Auto re-starts when AC recovers
- Silence setup
- Automatic charging (offline charging)
- Battery low voltage protection
- Overload & short circuit protection
- Wide input voltage range
- Built-in BMS (Battery Management System)
- Over temperature alarm and protection



F800-Li



F1200-Li

Shenzhen UPSEN Electronic CO., Ltd.

www.upsen.net

Technical Specification:

| MODEL | F800 - Li | F1200 - Li | |
|---|--|---------------------------|---------------------------|
| Capacity | 800VA/480W | 1200VA/720W | |
| AVR | 3 Steps of AVR, CPU Controlled | | |
| INPUT | | | |
| Input Voltage | 110 / 120Vac or 220 / 230 / 240Vac | | |
| Input Voltage Range | 85 - 150Vac / 145-290Vac | | |
| Frequency Range | 45 - 65Hz | | |
| OUTPUT | | | |
| Output Voltage | 110 / 120Vac or 220 / 230 / 240Vac | | |
| Output Voltage Range | 102 - 132Vac / 200 - 255Vac | | |
| Output Frequency | 60 ± 0.5Hz or 50 ± 0.5Hz (Auto sensing) | | |
| Output Wave Form | PWM (Battery Mode) | | |
| Transfer Time | Typical 2 - 6ms, 10ms Max | | |
| Charger Port | USB Charger (Front Panel) | | |
| BATTERY | | | |
| QTY. & Capacity of Battery | LiFePO4 12.8V75Wh | LiFePO4 25.6V150Wh | |
| Charger Period | 4 Hours | | |
| PROTECTION & FUNCTION | | | |
| Protection | <ul style="list-style-type: none"> ① Built-in BMS (Battery Management System) ② Battery low voltage protection ③ Overload protection ④ Short circuit protection ⑤ Over temperature alarm and protection | | |
| Function | <ul style="list-style-type: none"> ① Auto re-starts when AC recovers ② Silence setup ③ Automatic charging (offline charging) | | |
| MANAGEMENT | | | |
| RJ45/11 & USB | Optional | | |
| Display | LED | | |
| ENVIRONMENT | | | |
| Environment of Performance | Temperature 0°C ~ 40°C, Humidity 20% ~ 90% | | |
| Noise Level | ≤ 40dB (1m) | | |
| Machine Size.D*W*H(mm) | 225*85*141 | 305*85*141 | |
| Package Size.D*W*H(mm) | 300*278*440(4pcs) | 372*278*440(4pcs) | |
| Net Weight (Kgs) | 3.3 | 5 | |
| Gross Weight (Kgs) | 15.6(4pcs) | 23.2(4pcs) | |
| Compared to Lead-Acid Battery UPS | | | |
| Backup Time | LiFePO4 UPS | 100W Load ≈ 30min | 200W Load ≈ 33min |
| | Lead Acid UPS | 100W Load ≈ 27min (9AH*1) | 200W Load ≈ 19min (7AH*2) |
| Cycles Life | Lead Acid Battery 300 Cycles / LiFe04 Battery 1000 Cycles | | |
| *Product Specifications are Subject to Change Without Notice. | | | |