

Mini-J

4,5 kVA & 6 kVA

Redundancy On-Line UPS

Features:

- Simple Parallel Installation
- Full-time Digital Signal Processor Control
- Frequency Converter Operation Mode
- Smart ECO Mode
- LCD Mimic Panel
- Power Range and Runtime Scalability
- Maintenance Bypass Switch Embedded
- Optional Galvanic Isolation Transformer
- Optional Hot Swappable Battery



Mini-J

| Model | Mini-J 4500 | Mini-J 6000 |
|------------------------------------|---|-------------|
| Capacity | 4050 W | 5400 W |
| Phase | Single, Line + Neutral + Ground | |
| Input | | |
| Voltage | 160 ~ 280 Vac | |
| Frequency | 45 ~ 65 Hz | |
| Power Factor | Up to 0.99 at Linear Load | |
| Output | | |
| Voltage | 200 / 208 / 220 / 230 / 240 Vac Selectable (208 / 120 Vac optional) | |
| Frequency (Battery Mode) | ±1Hz or ±3Hz (Selectable) | |
| Current Crest Ratio | 3:1 | |
| Harmonic Distortion | < 3% at Linear Load | |
| Output Waveform | Pure sine wave | |
| Transfer Time (AC to DC) | 0 ms | |
| Efficiency | Up to 90 % (Line Mode) | |
| DC Start | Yes | |
| Battery | | |
| Number of batteries | 20 pcs | |
| Type | Sealed Lead Acid Maintenance Free | |
| Capacity | 12 V / 7 AH | |
| Rated Battery Voltage | 240 Vdc | |
| Recharge Time + 90% | 5 hours | |
| Display | | |
| Status On LED + LCD | Line Mode / Backup Mode / ECO Mode / Bypass Supply / Battery Low / Battery Fault / Overload / Transferring with interruption / UPS Fault | |
| LCD | Input Voltage / Input Frequency / Output Voltage / Output Frequency / Load Percentage / Battery Voltage / Temperature | |
| Self-Diagnostics | Upon Power-on / Front Panel Setting & Software Control / 24-hour routine checking | |
| Alarms | | |
| Audible and Visual | Line Failure / Battery Low / Transfer to Bypass, System Fault Conditions | |
| Protection | | |
| Overload Capacity | Inverter Supply: 105%~150% for 160 seconds ~ 2 cycles before switching bypass. Bypass Supply: 105%~200% for 500 seconds ~8 cycles before stopping supply load. | |
| Short Circuit | Output Breaker / Electronic Circuit | |
| EPO | Output shutdown immediately | |
| Over Temperature | Normal Mode: Transfer to Bypass Mode Battery Mode: UPS shuts down immediately | |
| Physical | | |
| W*H*D (mm/inch) | 290 x 748 x 645 / 11.4x29.5 x 25.4 | |
| Weight (kg/lbs) | w/o transformer: 86 / 190 with transformer: 120 / 264 | |
| Environmental | | |
| Operating Temperature | 0 ~ 40° C / 32 ~ 104° F | |
| Noise Level (1m front) | < 50 dBA | |
| Altitude (Battery mode) | 2000 m / 6500 ft without de-rating | |
| Humidity | 20 % ~ 90 % RH (Without condensation) | |
| Interface | | |
| Interface Type | Standard RS232 Interface | |
| Communication Slots | 2nd RS232, USB, RS485, Relay Contact, SNMP/WEB Card, etc. | |
| Compatible platforms | Microsoft Windows series, Linux, Mac, etc. | |
| Standard and Certifications | | |
| Safety | EN62040-1-1, UL1778 | |
| EMC | EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A | |
| Markings | CE, cUL, UL *** | |

Battery Bank

| UPS model | Code | Bat. Type | Max. Quantities | Dimensions (HxWxD, mm/inch) |
|----------------------|----------|-----------|-----------------|---|
| Mini-J 4500 and 6000 | T40JXX07 | 7AH | 40 | 290 x 748 x 631 / 11.4 x 29.4 x 24.8 |
| | T60JXX07 | | 60 | |

*** Depending on the model and voltage, Please contact AdPoS for more information.