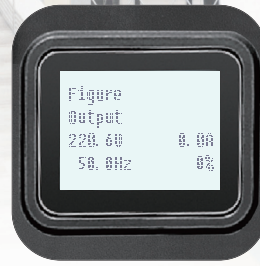


MEMOPOWER PLUS II SERIES

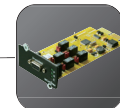
6~10kVA
1:1 phase PF: 0.9



Control Panel

Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range(50Hz: 45~55Hz / 60Hz: 54~66Hz)
- Support generator input
- Support economic(ECO) operation mode
- Self-testing when UPS startup
- Options: SNMP card/Relay card/ Parallel card
- Cold start



Relay card



SNMP



Parallel module

Rear Panel



Battery Cabinets (Optional)

Technical Specifications:

| MODEL | MP S 6kVA | MP H 6kVA | MP S 10kVA | MP H 10kVA |
|---------------------------------|--|---|------------|--------------|
| Capacity (VA/Watts) | 6k / 5.4k | | 10k / 9k | |
| INPUT | | | | |
| Nominal voltage | 220/230/240Vac | | | |
| Operating voltage range | 120~276Vac | | | |
| Operating frequency range | 50Hz:45~55Hz;60Hz:54~66Hz(auto sensing) | | | |
| Power factor | ≥0.99 | | | |
| Bypass voltage range | Max.voltage: 220V: +25%(optional +10%,+15%,+20%) 230V: +20% (optional +10%,+15%) 240V: +15% (optional +10%) Min.voltage: -45% (optional -20%,-30%) | | | |
| ECO range | Same as the bypass | | | |
| Harmonic distortion (THDi) | <3%(100% linear load) | | | |
| Generator input | Support | | | |
| OUTPUT | | | | |
| Rated voltage | 220/230/240Vac | | | |
| Power factor | 0.9 | | | |
| Voltage regulation | ±1% | | | |
| Frequency | Line Mode | ±1%/ ±2%/ ±4%/ ±5%/ ±10% of the rated frequency(optional) | | |
| | Bat. Mode | 50/60(±0.1)Hz | | |
| Crest factor | 3:1 | | | |
| Harmonic distortion (THDv) | ≤2% with linear load | | | |
| | ≤5% with non-linear load | | | |
| Efficiency | >93.5% | | | |
| BATTERY | | | | |
| Battery voltage | ± 96/108/120Vdc (optional) | | | |
| Capacity (standard unit) | 12V/7Ah/9Ah | | | |
| Typical recharge time | 6~8 hours (to 90% of full capacity) | | | |
| Charge current | 1A(Standard unit); Long run unit Max.current10A(charge current can be set according to battery capacity installed) | | | |
| SYSTEM FEATURES | | | | |
| Transfer time | Mains to Battery:0ms; Mains to Bypass:0ms | | | |
| Overload | Line Mode | Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150% turn to bypass mode immediately | | |
| | Bypass Mode | 40A(Breaker) | | 60A(Breaker) |
| Short circuit | Hold Whole System | | | |
| Overheat | Line Mode: Turn to Bypass; Backup Mode: Shut down UPS immediately | | | |
| Low battery voltage | Alarm and Switch off | | | |
| Self-diagnostics | Upon Power On and Software Control | | | |
| Battery | Advanced Battery Management | | | |
| Audible & Visual alarms | Line Failure, Battery Low, Overload, System Fault | | | |
| LED & LCD display | Line Mode, Bat. Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault | | | |
| LCD display | Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time | | | |
| Communication interface | RS232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional) | | | |
| ENVIRONMENTAL | | | | |
| Operating temperature | 0°C ~ 40°C | | | |
| Storage temperature | -25°C ~ 55°C | | | |
| Humidity range | 0 ~ 95% (non-condensing) | | | |
| Altitude | < 1500m | | | |
| Noise level | <55dB | | | |
| PHYSICAL | | | | |
| Dimension D × W × H (mm) | 502 × 250 × 616 | | | |
| Net weight (kg) | 62 / 18 | | 64 / 20 | |
| STANDARDS | | | | |
| Safety | IEC/EN62040-1,IEC/EN60950-1 | | | |
| EMC | IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8 | | | |
| BATTERY BANK | | | | |
| Model | MP-BT Series | | | |
| Battery type& Max.quantity | 2 × 20pcs/7Ah/(9Ah) | | | |
| PHYSICAL OF BATTERY BANK | | | | |
| Dimensions D × W × H (mm) | 597 × 250 × 616 | | | |
| Net weight (kg) | 122/134 | | | |

Specifications are subject to change without prior notice.