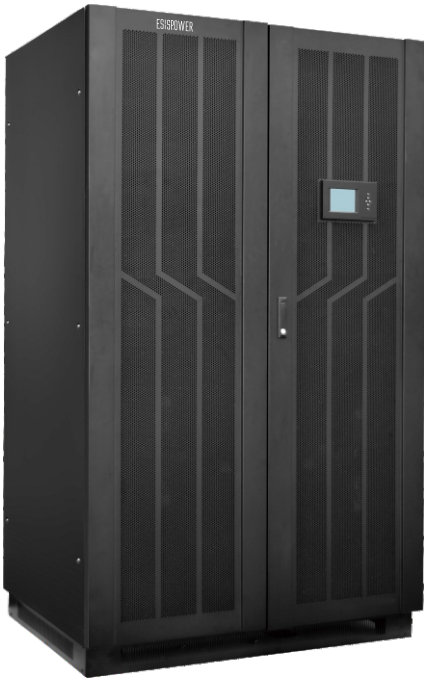


MEDI

Series

MODULAR UPS Technical Specifications
10-1560 kVA 3 Phase Input - 3 Phase Output Modular UPS



| MODEL | | MEDI-3060 | MEDI-3100 | MEDI-3200 | MEDI-3250 | MEDI-3090 | MEDI-3150 | MEDI-3300 | |
|----------------------------|--------------|--|---------------|----------------|---------------------------|---------------------------------|-----------|---------------|--|
| Capacity (kVA/kW) | UPS Cabinet | 10-60k/9-54k | 10-100k/9-90k | 10-200k/9-180k | 250k/225k | 90k/81k | 150k/135k | 300k/270k | |
| | Module | 10kVA/9kW;15kVA/13,5kW;20kVA/18kW | | 25kVA/22,5kW | | 25kVA/22,5kW: 30kVA/27kW | | | |
| INPUT | | | | | | | | | |
| Rated Voltage | | 380/400/415 Vac (3P+N+PE) | | | | | | | |
| Voltage Range | | 208~478 Vac | | | | | | | |
| Operating Frequency Range | | 40~70 Hz | | | | | | | |
| Harmonic Distortion (THDi) | | <3% (100% Linear Load) | | | | | | | |
| Power Factor | | ≥0,99 | | | | | | | |
| Bypass Voltage Range | | Max. Voltage:220Vac: +25%(Optional+10%, +15%, +20%) 230Vac: +20%(Optional+10%, +15%) 240Vac: +15%(Optional+10%) Min.Voltage: +45%(Optional-20%,-30%) | | | | Frequency Protection Range10% | | | |
| Harmonic Distortion (THDi) | | <2% (100% Non-Linear Load) | | | <3%(100% Non-Linear Load) | | | | |
| Generator Input | | Yes | | | | | | | |
| OUTPUT | | | | | | | | | |
| Rated Voltage | | 380/400/415 Vac (3P+N+PE) | | | | | | | |
| Voltage Regulation | | ±1% | | | | | | | |
| Frequency | Line | ±1%/±2%/±4%/±5%/±10% of the Rated Frequency (Optional) | | | | | | | |
| | Battery | 50/60 ± 0,1 Hz | | | | | | | |
| Voltage Distortion (THDv) | | ≤2% (Linear Load); ≤5% (Non-Linear Load) | | | | | | | |
| Power Factor | | 0,9 | | | | | | | |
| Crest Factor | | 3:1 | | | | | | | |
| Efficiency | | 95,5% | | | 95% | | | | |
| SYSTEM FEATURES | | | | | | | | | |
| UPS Type / Technology | | Modular Type / True Online Double Conversion | | | | | | | |
| Transfer Time | | Mains to Battery: 0 ms; Mains to Bypass: 0 ms | | | | | | | |
| Overload Capability | Line Mode | Load ≤110%: 60min; ≤125%: 10min, ≤150%: 1min, >150% turn to bypass mode immediately | | | | | | | |
| | Battery Mode | Load ≤110%: 10min; ≤125%: 1min, ≤150%: 1sec >150% turn to bypass mode immediately | | | | | | | |
| | Bypass Mode | Breaker (10k:20A, 15k:32A, 20k:40A) | | | Breaker(25k:40A, 30k:60A) | | | | |
| Short Circuit | | Hold Whole System | | | | | | | |
| Noise Suppression | | Complies with EN62040-2 | | | | | | | |
| Communication Interface | UPS Cabinet | RS232, RS485, Dry Contact, 2x Intelligent Slot (SNMP Card, Relay Card optional) | | | | | | | |
| | MEDI Module | RS232 | | | | | | | |
| BATTERY | | | | | | | | | |
| Battery Voltage | | ±192/204/216/228/240Vdc (Battery quantity Optional) | | | | | | | |
| Charge Current | UPS Cabinet | Max. 18A | Max. 30A | Max. 60A | Max. 60A | Max. 30A | Max. 50A | Max. 100A | |
| | MEDI Module | Max. 6A | | | Max. 6A | 25 kVA: 6A Max; 30 kVA: 10A Max | | | |
| ENVIRONMENT | | | | | | | | | |
| Operating Temperature | | 0°C ~ 40 °C | | | | | | | |
| Storage Temperature | | -25°C ~ 55°C | | | | | | | |
| Relative Humidity | | 0-95% (Non-Condensing) | | | | | | | |
| Altitude | | < 1500 m | | | | | | | |
| Audible Noise | | < 65 dB | | | < 70 dB | | | | |
| STANDARDS | | | | | | | | | |
| LVD (Safety) | | IEC/EN 62040-1 / IEC/EN 60950-1 | | | | | | | |
| EMC | | IEC/EN 62040-2 / IEC61000-4-2 / IEC61000-4-3 / IEC61000-4-4 / IEC61000-4-5 / IEC61000-4-6 / IEC61000-4-8 | | | | | | | |
| PHYSICAL | | | | | | | | | |
| Dimensions (WxDxH) [mm] | UPS Cabinet | 600x840x1400 | | 600x1100x2000 | | 840x600x1400 | | 1100x600x2000 | |
| | MEDI Module | 580x443x131 (3U) | | | | | | | |
| Weight [kg] | UPS Cabinet | 149 | 152 | 290 | 158 | 170 | 307 | | |
| | MEDI Module | 10 kVA:26; 15 kVA:30; 20 kVA:31 | | | 32 | 25 kVA:32; 30 kVA:33,5 | | | |

FEATURES

- High Frequency and Double Conversion Online Technology
- Advanced PFC technology
- 3U Frame, Rack-Mounted and Tower Convertible
- EPO Function
- Wide Input Voltage Range
- Fully Digitized Microprocessor Control
- Parallel Redundancy
- Advanced Battery Management
- Lightning and Surge Protection, Short Circuit and Overload Protection
- Multilingual LCD and LED display
- EMI RFI Noise Filter
- Smart RS232 Communication with Monitoring Software
- Optional SNMP Card Slot

