

Modular UPS Series

Advanced Modular Design and Redundant Power System

MD150/200E is scalable, hot-swappable, online double conversion.

The power capacity is from 25 to 200kVA/kW, it's the ideal choice for data center & telecom industrial.

MD-E 150-200

Rack Modular Design

25kVA power module in 2U height & 19" standard rack cabinet.

Simple for integration of servers

Colorful touch screen LCD

Monitoring of ATS/ UPS/ PDU, friendly interface & comprehensive DATA



MD150E

MD200E

Specifications

MODEL	MD150E	MD200E
Maximum Capacity	150KVA	200KVA
Power Module	25KVA/25KW	
Maximum Number Built-in Power Module	6pcs	8pcs
Topology	Modular On-Line / Double Conversion / High Frequency	
On-battery Output Waveform	Pure Sine Wave	
INPUT		
Nominal Voltage	380V / 400V / 415V 3P4W + G	
Nominal Frequency	50 / 60 Hz	
Power factor	>0.99	
Input Voltage Regulation	-20% ~ +15% Full Load	
Input Frequency Regulation	40 - 70Hz	
Input THDi	<3% (100%linear load)	
OUTPUT		
Nominal Voltage	380V / 400V / 415V 3P4W + G	
Voltage Precision	1% (Balance Load), 1.5% (Unbalance Load)	
Voltage THDV (Total Harmonic Distortion)	THD < 1% (Linear Load), THD < 6% (Nonlinear Load)	
Power Factor	1	
Crest Factor	3 : 1	
Overload Capacity	110%, Trasfer to Bypass after 1hr	
	110%<Load<125%, Operation Time for 10mins	
	125%<Load<150%, Operation Time for 1min	
BATTERY		
Battery Voltage	±240VDC	
Charger Power	20% Power	
Battery Cold Start	Yes	
BYPASS		
Bypass Allowable Voltage Range	-40% ~ +25% settable	
Bypass Frequency	±1% ~ 5% settable	
Bypass Overload Capacitlity	110%, Long Time Operation	
	110%<Load<125%, Operation Time for 5mins	
	125%<Load<150%, Operation Time for 1min	
SYSTEM		
Line mode Efficiency	Normal Mode	96%
	ECO Mode	99%
Battery mode Efficiency	96%	
Display	LCD+LED, Touch Screen & Keyboard	
IP Class	IP20	
Communication Interface	RS232, RS485, Dry Contact & SNMP Slot	
ENVIRONMENTAL		
Operation Temperature	0 - 40°C	
Storage Tmeperature	-25 - 70°C	
Relative Humidity	0 - 95% (Non-condensing)	
Noise (dB)	< 65dB	
PHYSICAL		
Cabinet	Dimension (WxDxH)	485×900×1072mm
	Weight	140kg
Power Module	Dimension (WxDxH)	436×677×85mm
	Weight	18kg

Specifications are subject to change without notice.