7OLIEC

EQ-MT Series

Modular UPS 25kVA-300kVA

- · Isolated air duct design
- 20/25KVA 2Umodule
- Output PF=1



25KVA - 300KVA

Power Range

20kVA-300kVA

■ Way Of Working

Online double conversion

Application Field

Finance, telecommunication, education, hospitals, transportation & other network devices, data centers.

♦ 10+2 redundancy design



■ Performance Characteristics

Intelligent Flexibility

- Adjustable battery number: 30-44 units
- Allowing common battery group for parallel
- Cold start function

High Reliability

- Intelligent fan speed control
- Isolated air duct with key components
- Full swithes configuration is available
- Lightning protection function(optional)
- Intelligent fan speed control

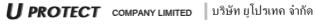
Green Performance

- Output PF=1
- ECO mode for energy saving
- Maximum for 12 power modules(2000mm height)
- Self-load test function reduce 95% power lose

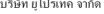
Performance

Model	EQ-60MT	EQ-125MT	EQ-200MT	EQ-300MT
Rated Capacity	60kVA	125kVA	200kVA	300kVA
Power Module Capacity	OUNVA	25KVA		OOOKVI
Input		2010		
Wiring Method		3 Phase	+N+DE	
Rated Voltage	3 Phase+N+PE 380/400/415VAC(line-line)			
Rated Frequency	50/400/415VAC(IIIIe-IIIIe)			
Voltage Range				
Frequency Range	304VAC ~478VAC (line-line) full load; 304VAC ~228VAC (line-line) load derating linearly from 100% to 80%			
Power Factor	40Hz~70Hz			
THD	>0.99			
	THD < 3% (linear full load); THD < 5% (non-linear full load)			
Bypass				
Rated Voltage	380/400/415VAC (line voltage)			
Voltage Range	Factory setting -20% ~ +15%; settable, upper limit:+10%,+15%,+20%,+25%; lower limit:-10%,-15%, -20%, -30%,-40%			
Frequency Range	Rated frequency 50/60Hz; frequency range can be set ±1Hz, ±3Hz, ±5Hz)			
Overload Capacity	110% for long run ; >150% for 200ms			
Battery				
Battery Voltage	± 192 VDC (360 ~ 528VDC; 30 ~ 44 block settable, factory setting 32 block)			
Charging Capacity	15%* total capacity			
Voltage Accuracy	±1%			
Output				
Rated Voltage	380V/400V/415V(line-line)			
Rated Frequency	50/60Hz			
Power Factor	1			
Voltage Accuracy	≤±1.0%@ balanced load; ≤±5.0%@ unbalanced load			
Frequency Accuracy	50/60Hz ± 0.01%			
Frequency Tracking Range	Settable, ±0.5Hz~±5Hz; factory setting ±3Hz			
THD	THDu ≤2%(100% linear load),THDu ≤4%(nonlinear load)			
Three-phase Phase Accuracy	120°±1°			
Crest Factor	3:1			
Overload	<105%, long run; <110%, 60mins; 110~125%, 10mins; >125~150%, 1mins; >150%, 200ms			
System	1 10070 / Tonig Tuni,	110707 001111107 110 12070	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
System Efficiency		≥96.5%@ double conversion	mode ≥98%@FCO mode	
Display	Touch screen +LED			
Wiring	Support top in and bottom in Top in			
Standard				
Protection Class	IEC62040-1-1; IEC62040-2; IEC62040-3 IP20			
Feeder Protection				
Communication	Standard: isolating switch, optional: fuse			
Optional	RS232/ RS485/ Modbus/SNMP (optional) / dry contact (optional)			
•	Dust-proof net, lightning protection module, LBS cable, earthquake-proof components, temperature and humidity sensor			
Working Condition Noise	Temperature: 0~40°C; humidity: 0~95%(no condensation)			
Altitude	< 60dB @ 1meter			
	<1000 meters, no derating, >1000 meters, derating 1% if every 100 meters increased			
Cabinet Type	4 Modules 7 Modules 12 Modules			
Size				
System W x D x H (mm)	600 x 890 x 1200 600 x 960x 1600 600 x 1010 x 2000			
Module W x D x H (mm)				
Weight				
System(kg)	140	185	250	270
Module(kg)	25			

^{*} Specifications are subject to change without prior notice.







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