

ONLINE MODULAR UPS 10-200KVA (3/3)



TTIM 20000 Series

APPLICATION:
IT /ITES
MEDICAL
RAILWAYS

FEATURES

Modular design

Up to 20 power module in parallel
Online hot-swappable N+X redundancy

Independent charger

Independent charger for each module
Intelligently control the whole charging process
Prolong the life time of the battery

Battery cold start

UPS can be powered on from the battery
without utility

Totally front access

Top and bottom cable entry connection
are supported, more convenient for site installation

Modular design with transformer

Modular UPS up to 60kVA with inbuilt isolation
transformer, meeting different requirement for customers

High power density

200kVA with footprints of about 0.5m²
saving valuable datacenter space

Integrated IGBT design

Integrated IGBT in one module, less failure points
with higher performance and reliability

Friendly interface

Touch LCD display with abundant information

Maintenance reminder

System can record the running time for critical
components and set reminding time for replacement

TECHNICAL SPECIFICATIONS

MODEL	TTIM6010	TTIM6020	TTIM6030	TTIM6040	TTIM6050	TTIM6060
Capacity	10 KVA	20KVA	30KVA	40KVA	50 KVA	60KVA
Power module	PM10X(10kVA/10kW)					
INPUT						
Phase	3 Phase + Neutral + Ground,400V/415V(line to line)					
Voltage range	304-478Vac (line-line),full load;					
	228V-304Vac (Line-Line),load decrease linearly according to the min phase voltage					
Frequency range	40Hz-70Hz					
Power Factor	>0.99					
THDi	THDi<3% @ 100% linear load					
OUTPUT						
Voltage	380V/400V/415V					
Voltage Regulation	1.50%					
Power factor	1.0					
THDu	THD<1%(linear load),THD<5.5%(None-linear load)					
Crest Factor	3:01					
Overload Capability	110% for 1 hour; 125% for 10 minutes ;150% for1 minute; >150% for 200ms					
BATTERY						
Voltage	±240VDC					
Charge Power	±1%					
Precision						
Charge Power	20%*System Power					
SYSTEM						
System Efficiency	Normal mode:95% ;ECO mode:99% ;Battery mode:95%					
Display	10.4" color touch screen LCD + LED + Keyboard					
IP Class	IP20					
Interface	Standard :RS232,RS485,Dry contacts, USB;					
	Optional: SNMP ,Expansion dry contact card					
Operation/						
Storage Temperature	0-40°C/-40-70°C					
Relative Humidity	0-95%(non-condensing)					
Noise	65dB @ 100% load,(1 meter away)					
PHYSICAL						
Weight	Power Module	PM30X30kg				
	Power Module	PM30X:460*790*134(mm)				

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.