

**METIS** series offers the best combination of power availability, energy efficiency and overall performance with the further guarantee of considerable savings in terms of installation and operating costs.



**Medical  
equipment**



**Sensitive  
IT loads**



**Industry**



**Critical  
buildings**



**Data center**

# Metis 600

Three Phase Modular UPS

**25KVA ~600KVA**

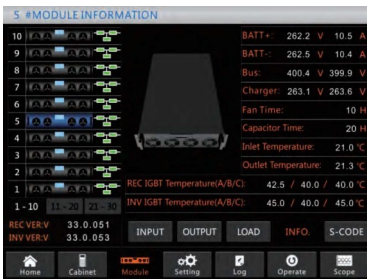
[www.itapower.it](http://www.itapower.it)

# Metis 600

## Three Phase Modular UPS 25KVA ~ 600KVA



**METIS** is a modular, scalable online UPS ranging from 30kW to 600kW is designed to protect any critical load for medium and large data center achieving maximum availability. The **METIS** series feature use the latest technology of 3-level technology, which guarantees high efficiency of 96% and ultra-reliability. Its compact design ensures power density of 600kVA in one cabinet, 2 units can be paralleled for capacity or redundancy up to 1200kVA, making it an excellent choice for medium and large facilities.



## highlights

- ① Unity Power Factor PF:1
- ① N+X Hot swappable power module and bypass & monitoring module
- ① High efficiency of 98% in ECO mode
- ① Footprint for 300kVA is 0.66m<sup>2</sup>, power density 409kW/m
- ① Large Friendly 10" touch colour LCD with graphic display
- ① LCD on each power module with status information and real-time alerts

MODEL	ME150	ME180	ME250	ME300	ME500	ME600
POWER MODULE	MPM25	MPM30	MPM25	MPM30	MPM25	MPM30
POWER MODULE CAPACITY	25KVA/25KW or 30KVA/30KW			25KVA/25KW or 30KVA/30KW		
<b>MAIN INPUT</b>						
Input Voltage	380V/400V/415V (three phases + neutral + ground)					
Input frequency	50/60Hz					
Dual Input	Optional	Standard	Optional	Standard	Optional	Standard
Power factor	>0.99					
Frequency window	40-70Hz					
Input voltage window	Settable, -40%~+25%					
Input THDi	<3% (100% Linear load)					
<b>BATTERY</b>						
Battery voltage	±240VDC					
Number	40pcs (Settable: even number from 32 to 44)					
Voltage Precision	±1%					
Type	VRLA AGM/GEL; Ni-Cd					
Battery Cold Start	Standard					
<b>BYPASS</b>						
Bypass voltage	380/400/415Vac (line-line)					
Bypass voltage window	-40%~+25% selectable					
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz					
Bypass overload capability	110% long term operation; 125% for 5 mins ;150% for 1 min; >150% for 1s			110% long term 130% for 5 mins 150% for 1min >150% for 1s		
<b>OUTPUT</b>						
Output Voltage	380/400/415Vac (line-line)					
Voltage Regulation	1% for balance load; 1.5% for unbalance load					
Voltage precision	0.1%					
Voltage THD( Harmonic Distortion)*	THD<1%(linear load), THD<5.5%(nonlinear load)					
Power factor	100,00%					
Rate Frequency	50/60Hz					
Crest factor	3:1					
Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms					
<b>SYSTEM</b>						
System efficiency*	AC Mode: 96.0% ECO Mode: 98.0% Battery Mode: 95.5%			AC Mode: 96.0% ECO Mode: 99.0% Battery Mode: 96.0%		
Display	10.4" touch screen LCD + LED + keyboard					
IP class	IP20					
Communication Ports	RS232,RS485,Dry contactor,SNMP card(optional),EPO,USB					
Installation/Connection	Back or bottom cable entry					
Temperature	Operation: 0-40°C - Storage -25°C~70°C					
Relative humidity	0-95% (non-condensing)					
Noise(dB)	65dB @ 100% load, 62dB @ 45% load			72dB @ 100% load, 69dB @ 45% load		
Standards	European directive: L V 2014/35/EU Low voltage directive; EMC 2014/30/EU Electromagnetic compatibility directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2					
<b>Dimension(W*D*H)mm &amp;Weight(kg)</b>						
Dimension Cabinet	600*1100*1600		650*1095 *2000		600*1100*2000	2000*1050*2000
Dimension Power module	460*790*134					
Weight(kg) Cabinet	178		242		660	
Weight(kg) Module	32.3					

Product specifications are subject to change without further notice.