



THEMIS 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

Themis

Three Phase Modular UPS

15 KVA ~ 1100KVA

www.itapower.it



Made in Italy

Themis

Three Phase Modular UPS 15 KVA ~ 1100 KVA

Themis is the ideal modular UPS for data centres and wherever maximum reliability and expandability are required. The **Themis series UPS** grows together with the needs of your facility, avoiding oversized initial investments.

Itapower Themis UPS line ensures maximum protection and high quality of the power supply for healthcare, telecommunications and data management applications. Its compact design ensures power density of 294kVA in one cabinet, 4 units can be paralleled for capacity or redundancy up to 1176kVA, making it an excellent choice for medium and large facilities.

15-240 kW + redundancy (TPM 15 kW modules)

25-400 kW + redundancy (TPM 25 kW modules)

42-1008 kW + redundancy (TPM 42 kW modules)



Power Module 42 Kw

highlights

- ⌚ Online double conversion technology
- ⌚ Unity power factor loads (kVA=kW)
- ⌚ Efficiency up to 96,5%
- ⌚ High battery autonomy by simply adding additional UPS Power Modules (PM) and Battery Units (BU)
- ⌚ Advanced Communication

MODEL					Themis - from 15 to 294 kW ¹			
INPUT								
Rated voltage [V]	380 / 400 / 415 three-phase plus neutral							
Rated frequency [Hz]	50 / 60							
Voltage tolerance [V]	400 ±20% @ full load							
Frequency tolerance [Hz]	40 - 72							
Power factor	1							
THDI	<3%							
BYPASS								
Nominal power [kW]	252 / 126 (According to system power configuration)							
Rated voltage [V]	380 / 400 / 415 three - phase plus neutral							
Voltage tolerance [V]	from 180 (adjustable 180-200) to 264 (adjustable 250-264) referring to Neutral							
Rated frequency [Hz]	50 or 60							
Frequency tolerance [Hz]	±5% (selectable)							
Overload	125% for 10 min.; 150% for 1 min.							
BATTERIES								
	Modular Type (TPM 170 BTC)				Conventional Type			
Layout	Modular type made up by Battery Unit (named BU)				Free Standing Battery cabinet / Shelf			
Battery features	VRLA batteries lined up inside BU; Constant voltage and current measuring at BU level; Battery status monitoring via Multi Power LCD display				Conventional battery Blocks VRLA Type			
Cabinet lay out description	9 x Battery shelves				1 x (20 + 20) Blocks			
Dimensions (WxDxH) [mm]	600x1050x2000				860x800x2000			
Weight [kg] (without PM/BU)	280				250			
OUTPUT								
Rated voltage [V]	380 ² / 400 / 415 three - phase plus neutral							
Rated frequency [Hz]	50 or 60							
Voltage stability	±0.5%							
Dynamic stability	EN62040-3 class performance 1 non linear load							
OVERALL SPECIFICATIONS								
Frame	TS130 PowerModule		TS300 Power Module		TC100 Combo Module		TC130 Combo Module	
Power Module nominal power [kW] (Named PM)	TPM15 PM /TPM25 PM		TPM42 PM		TPM15 PM /TPM25 PM		TPM42 PM	
Solution nominal Power [kW]	75 / 125		294		60 / 100		126	
Output power factor [pf]	1		1		1		1	
Parallelable (up to)	4		4		4		4	
Cabinet layout description	5 x TPM 15 PM 5 x TPM25 PM		7 x TPM42 PM		4 x TPM15 PM 4 x TPM25 PM + 6 x Battery shelves		3 x TPM42 PM 5 x Battery shelves	
Dimensions [WxDxH]	600x1050x1200		600x1050x2000		600x1050x2000		600x1050x2000	
Weight [kg] (without PM/BU)	145		300		350		340	
System Noise Level at 1 m [dBA±2]	<65		<68		<64		<64	
ECO Mode Efficiency	Up to 99%							
Cabinet IP rating	IP20 finger proof (either with cabinet doors open or close)							
Cable input	Rear side either top or bottom							
Colour	RAL 9005							
Ambient temperature for the UPS	0 °C - +40 °C							
Recommended temperature for battery life	+20 °C - +25 °C							
Range of relative humidity	5-95% non - condensing							
Altitude [m]	6000 max altitude							
Standards	European directives: 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 - category C2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Independent) VF1 - SS - 111							
Moving UPS cabinet types	Castors (any cabinet type is shipped without PM and BU)							

¹Including Redundancy

Product specifications are subject to change without further notice.