

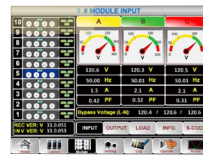


Taurus MH

3 Phase Online UPS

Highlights:

- Modular On Line UPS 40-400 Kva 277/480v
- Full IGBT 3 level technology with 96% Efficiency
- High Power Density on Small Footprint
- Independent LCD for each Power Module
- Friendly Large 10" Color LCD Interface
- Comprehensive Monitoring Management
- Critical Wave Form Recording for Main Events.
- Smart Sleep Power Module Functions.
- Inrush Prevention on Generators and Utility.
- Full Hot Swap High Tech Power Modules
- Adjustable Battery Numbers VRLA or Lithium
- Redundant Parallel Function up to 1200 kW.



Designed to protect any critical load for medium and larger data center achieving maximum availability. The MH series feature the latest 3-level technology on Inverter and PFC input control, which guarantees high efficiency of 96% and ultra-reliability making it an excellent choice for medium and larger facilities.



HEALTHCARE



INDUSTRY



NETWORKING



SMALL
DATACENTERS



CRITICAL
LOADS

Taurus MH Series Specifications

MODEL			AB-TAURMH400K	AB-TAURMH320K	AB-TAURMH240K	AB-TAURMH160K	AB-TAURMH80K
System Capacity			400 kW	320 kW	240 kW	160 kW	80 kW
Power Module capacity			40kVA / 40kW (TAURMH40KX)				
Input	Dual Input		Standard		Optional	Standard	
	Phase		3 Phase+Neutral+Ground 480V (line-line)				
	Voltage Range		384~528 Vac (line-line), full load; 288v~384vac (line-line), load decreases linearly according to the min phase voltage				
	Rate Frequency		50/60 Hz				
	Input Frequency Range		40Hz ~ 70Hz				
	Input Power Factor		>0.99				
	Input THDi		< 3% (100% Linear load)				
Bypass	Rate Voltage		480Vac (line-line)				
	Rate Frequency		50/60 Hz				
	Input Voltage Range		Settable, -40%~+10%				
	Frequency Range		Settable, ±1Hz, ±3Hz, ±5Hz				
	Bypass Overload		110 % long term operation 125% for 5 minutes 150% for 1 min. >150% for 1s.			125 % long term operation 130% for 10 minutes 150% for 1 min. >150% for 300ms.	
Output	Rate Voltage		480Vac (line-line)				
	Voltage Regalation		1% balanced load; 1.5% for unbalanced load				
	Rate Frequency		50/60Hz				
	Frequency precision		0.1%				
	Output power factor		1				
	Output THDu		<1%, linear load; 5.5%, non-linear load				
	Crest Factor		3:1				
	Inverter Overload		110% for one hour; 125% for 10 min; 150% for one min; >150% for 200 ms1				
Battery	Voltage		±240VDC				
	Battery Number		40 Pcs				
	Voltage Precision		±1%				
	Charge Power		Up to 20% *Output active power				
	Battery Cold Start		Standard			Optional	
System	Efficiency		AC Mode: 96.0% ECO Mode: 99.0% Battery Mode: 95.0%				
	Display		10.4" touch screen LCD + LED + keyboard				
	IP Class		IP 20				
	Interface		RS232, RS485, Programmable Dry Contact, USB				
	Option		SNMP Card, Parallel kit, SPD, LBS, Dust filter				
	Temperature		Operation: 0 ~ 40 °C Storage: - 40 ~ 70 °C				
	Relative Humidity		0 ~ 95% Non-condensing				
	Altitude		3000 m. without derating				
	Noise (1 meter)		72 dB @ 100% load, 69 dB @ 45% load				
Physical	Weight (kg)	Cabinet	450	350	220	170	120
		Power Module	44				
	Dimensions W*D*H(mm)	Cabinet	1300*1100*2000	1050*1100*2000	650*970*2000	650*960*1600	600*980*1150
		Power Module	510*700*178				
Standards	Safety		IEC62040-1-1				
	EMC		IEC/EN/AS60950 IEC620v0-2				
	Performance		IEC62040-3				

*Specifications subject to change without notice.