

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 Regulation	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.

