



Taurus MD

3 Phase Online UPS

Highlights:

- Modular On Line UPS 30~300 kVA 120/208 V
- 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.
- In rush Prevention on Generators and Utility.
- Full Hot Swap High Tech Power Modules
- Adjustable Battery Numbers VRLA or Lithium
- Redundant Parallel Function up to 1200 kVA



Designed to protect any critical load and for medium and large data center achieving maximum availability. The ML 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 MD Series Specifications

MODEL		AB-TAURMD300K30X	AB-TAURMD240K30X	AB-TAURMD180K30X	TAURMD120K30X	AB-TAURMD60K30X	
System Capacity		300 kVA	240 kVA	180 kVA	120 kVA	60 kVA	
Power Module Capacity		30kVA / 27kW (AB-TAURMD30K)					
Input	Dual Input	Standard		Optional			
	Phase	3 Phase+Neutral+Ground 208 - 220 V (line-line)					
	Voltage Range	152~260 Vac (line-line), full load; 114v~152 vac (line-line), load decreases linearly according to the min phase voltage					
	Rate Frequency	50/60 Hz					
	Input Frequency Range	40 Hz ~ 70 Hz					
	Input Power Factor	>0.99					
	Input THDi	< 3% (100% Linear load)					
Bypass	Rate Voltage	208-220 Vac (line-line)					
	Rate Frequency	50/60 Hz					
	Input Voltage Range	Settable, -40%~+25%					
	Frequency Range	Settable, ±1 Hz, ±3 Hz, ±5 Hz					
	Bypass Overload	110 % Long term operation 125% For 5 minutes 150% For 1 min. >150% For 1 s.		125 % Long term operation 130% For 10 minutes 150% For 1 min. >150% For 300 ms.			
Output	Rate Voltage	208-220 Vac (line-line)					
	Voltage Regulation	1% balanced load; 1.5% for unbalanced load					
	Rate Frequency	50/60Hz					
	Frequency Precision	0.1%					
	Output Power Pactor	0.9					
	Output THDu	<1%, Linear load; 5.5%, non-linear load according to IEC / EN62040-3					
	Crest Factor	3:1					
	Inverter Overload	110% For one hour; 125% for 10 min; 150% for one min; >150% for 200 ms					
Battery	Voltage	±120 Vdc					
	Battery Number	20 Pc. variable.					
	Voltage Precision	±1%					
	Charger 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.

