

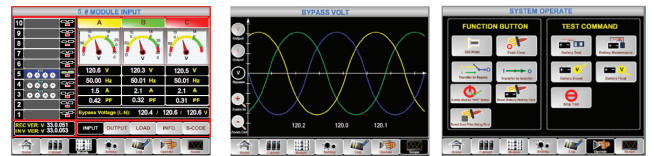


Taurus MD

3 Phase Online UPS

Highlights:

- Modular On Line UPS 10~50 kVA 120/208 V
- Full IGBT 3 level technology with 94% Efficiency
- High Power Density on Small Footprint
- Independent mimic leds for each Power Module
- Friendly Large 7" 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 150 kVA



Designed to protect any critical load and for medium and large data center achieving maximum availability. The MD series feature the latest 3-level technology on Inverter and PFC input control, which guarantees high efficiency of 94% 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-TAURMD50K10X	AB-TAURMD30K10X	AB-TAURMD20K10X	
System Capacity		50 kVA	30 kVA	20 kVA	
Power Module Capacity		10 kVA / 10 kW (TAURMD10K)			
Main Input	Dual Input	Standard			
	Grid System	3 Phases + Neutral + Ground			
	Rated Input Voltage	208/220VAC (Line-Line)			
	Rate Frequency	50/60 Hz			
	Input voltage Range	187~260Vac (Line-Line),full load;			
	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	Selectable, default -20%~+15%			
	Frequency Range	Settable, ±1 Hz, ±3 Hz, ±5 Hz			
	Bypass Overload	110% Long term operation; 110%~125% for 5min;			
Output	Rated Inverter Voltage	208-220 Vac (line-line)			
	Rate Frequency	50/60Hz			
	Output Power Pactor	1			
	Voltage Regulation	1% balanced load; 1.5% for unbalanced load			
	Frequency Precision	50/60Hz±0.1%			
	Output THDu	<1%, Linear load; 5.5%, non-linear load according to IEC / EN62040-3			
	Crest Factor	3:1			
	Synchronized Range	Settable, ±0.5Hz ~ ±5Hz, default ±3Hz			
Inverter Overload	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200ms				
Battery & Charger	Voltage	±120 Vdc			
	Battery Number	20 Pc. variable			
	Voltage Precision	±1%			
	Charger Power	Up to 20% System Power			
	Battery Cold Start	Standard			
System	Efficiency	AC Mode: 94% ECO Mode: 98% Battery Mode: 93%			
	Display	7" Touch screen LCD + LED + keyboard			
	Interface	Standard: RS232, RS485, Dry Contact			
	Option	SNMP Card, Parallel kit			
	Temperature	Operation: 0 ~ 40 °C Storage: - 40 ~ 70 °C			
	Relative Humidity	0 ~ 95% Non-condensing			
	Altitude	3000 m. Without derating			
	Noise (1 meter)	58dB @ 100% load, 52dB @ 45% load			
Physical	Weight (kg)	Cabinet	85	52	42
		Power Module		16	
	Dimensions W*D*H(mm)	Cabinet	485*751*1033	446*751*575(11U)	485*697*398(7U)
		Power Module		436*590*85	

*Specifications subject to change without notice.