



Taurus ML

3 Phase Online UPS



Highlights:

- Modular Online UPS 20 ~ 160kW N + 1 120/208 V • Three-level technology with up to 96% efficiency and 99% in ECO mode.
- Unitary power factor FP 1.0
- Hot swappable power modules provide fast exchange and scalability.
- Large and friendly 10" color LCD interface
- Mimic diagram with LEDs
- Maintenance bypass for service in all The models.
- Hot Swap battery trays on select models.
- Modular STS for easy maintenance
- High load capacity for smooth operation
- Highest overload capacity
- Redundant parallel function capability N+N and N+1

Designed to easy scale on power and protect any critical load for data center, office and light industry achieving maximum availability. The ML series feature the latest 3-level technology on Inverter, which guarantees high efficiency up to 95% and the lower input Harmonics distortion with 3% THDi. Makes this UPS ultra reliability offering an excellent choice for medium and larger facilities.



HEALTHCARE



INDUSTRY



NETWORKING



SMALL
DATA-CENTERS



CRITICAL
LOADS

Taurus ML Series Specifications

MODEL		TAURML60K20X	TAURML80K20X	TAURML80K20X-30U	TAURML120K20X-30U	TAURML140K20X	
System Capacity		60 kW	80 kW	80 kW	120 kW	160 kW	
Power Module capacity		20 kVA / 20 kW (AB-TAURML20K)					
Input	Dual Input	Standard					
	Phase	3 Phase + Neutral + Ground 208/220 V (line-line)					
	Voltage Range	121 V ~ 253 V depending on the load percentage.					
	Rate Frequency	50/60 Hz (auto sensing)					
	Input Frequency Range	40 Hz ~ 70 Hz					
	Input Power Factor	> 0.99 At 100% load					
	Input THDi	< 3% @ 100% Load					
Output	Rate Voltage	3 Phase + Neutral + Ground 208/220 V (line-line)					
	Voltage Regulation	± 1% Typical (balanced load)					
	Rate Frequency	50/60 Hz					
	Frequency precision	0.1%					
	Output power factor	1					
	Output THDu	≤1% THD (Linear Load) and ≤4% THD (Non-linear Load)					
	Crest Factor	3:1					
	Inverter Overload	1 Hour for 110%, 10 min for 125%, 1 min for 150%					
Battery	Voltage	+/- 120 V (12 V x 20 PC)					
	Battery Number	Up to 3 Bat. Banks	Up to 4 Bat. Banks	20 pc. (External redundant dual braker 40 pc battery banks aviable)			
	Temperature Compensation	Yes					
	Charge Power	Maximum 8 Amp each power module (user adjustable)					
	Battery banks	4 Bat. trays per bank (10 pc. 12 v 9 amp per tray)			N/A		
System	Efficiency	Up to 96%					
	Display	10" Touch screen LCD + Mimic diagram with LED + keyboard					
	IP Class / Color	IP 20 / RAL7021					
	Interface	RS232, RS-485, Programmable Dry Contact, USB					
	Option	SNMP Card, Parallel kit, SPD, LBS, Dust filter					
	Temperature	Operation: 0 ~ 40 °C Storage: -12 ~ 70 °C					
	Relative Humidity	0 ~ 95% Non-condensing					
	Altitude	<3000 masl					
Noise (1 meter)	<60 dBA ~ 66 dBA depending of load						
Physical	Weight (kg)	Cabinet full	670.5	926	329	428.5	7 PM 504 / 8 PM 537
		Power Module	34.5				
	Dimensions W*D*H(mm)	Battery Module	26 (With 10 PC 12 V 9 amp VRLA Batteries)			External battery cabinets available	
		Cabinet	600 x 1100 x 1475	600 x 1100 x 2010	600 x 1100 x 1475	600 x 1100 x 1475	600 x 1100 x 2010
Standards	Safety	UL1778, CSA C22.2 No. 107.3-05					
	EMC	FCC Part 15,Subpart B Class A					

*Specifications subject to change without notice.

