

Taurus

3 Phase Online UPS



Highlights:

- True double-conversion
- Dual input
- DSP technology guarantees high performance
- Output power factor 0.9
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- LED indicators: Bypass, Rectifier, Batteries and Inverter.
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Maintenance bypass available

Delivering clean, stable and reliable power for critical three-phase loads, Taurus is the best choice for small data-centers. With modular capacity and a simplified maintenance helps reducing the TCO of the installation. Include automatic bypass (solid state) with the same capacity of the UPS and with possibility to enable Bypass mode in LCD.



HEALTHCARE



INDUSTRY



NETWORKING



SMALL
DATACENTERS



CRITICAL
LOADS

Taurus Series Specifications



MODEL		AB-TAURV60K	AB-TAURV80K
	Capacity	60kVA / 54kW	80kVA / 72kW
	Technology	Modular with IGBT 3-level	
Input	Nominal Voltage	3 x 208/220 VAC (Ph-Ph) / 3 x 120/127 VAC (Ph-N)	
	Voltage Range	121~155 VAC $\pm$ 5% (3-phase) @50% load; 156~253 VAC $\pm$ 5% (3-phase) @100% load 70~89 VAC $\pm$ 5% (Ph-N) @50% load; 90~146 VAC $\pm$ 5% (Ph-N) @100% load	
	Frequency Range	40~70Hz	
	Power Factor	$\geq$ 0.99 @ 100% load	
	Phases	Hardwire 5 ϕ (3F+N+T)	
Output	Output Voltage	3 x 208/220 VAC (Ph-Ph) / 3 x 120/127 VAC (Ph-N)	
	AC Voltage Regulation (Batt. Mode)	$\pm$ 1%	
	Frequency Range (Synchronized)	46~54Hz or 56~64Hz	
	Current Crest Ratio	3:1 max.)	
	Harmonic Distortion	$\leq$ 2 % THD (Linear Load) / $\leq$ 4 % THD (Non-linear Load)	
	Waveform (Batt. Mode)	Pure Sine Wave	
	Phases	Hardwire 5 ϕ (3F+N+T)	
	Transfer Time	AC mode to Battery mode	zero
		Inverter to Bypass	Zero
	Overload	AC Mode	105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min
		Battery Mode	105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min
Efficiency	AC Mode	Up to 96%	
	ECO Mode	98%	
	Battery Mode	Up to 95.1%	
Battery	Numbers	16~20 pcs (Adjustable). External Battery Cabinets Available	
	Charging Current (Max.)	24A	32A
	Charging Voltage	$\pm$ 13.7V*N (N = 8~10)	
Indicators	LCD Panel	10" Touch Type color LCD	
Physical	Dimension, D X W X H (mm)	940 x 567 x 1015	1040 x 567 x 1452
	Net Weight (kgs)	199 / 203	272 / 280
Enviromental	Operation Temperature	0-40°C	
	Operation Humidity	<95% and non-condensing	
	Operation Altitude	0-1000 mamsl according to IEC/EN 62040	
	Noise Level	Less than 60dB @ 1 Meter	
Management	Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC	
	Optional SNMP (RJ45 Fast Ethernet)	Power management from SNMP manager and web browser	

*Specifications subject to change without notice.

