



Taurus

3 Phase Online UPS

CUTTING EDGE TECHNOLOGY FOR HIGH PERFORMANCE 3PHASE ON LINE UPS
Inverter with three level technology

Highlights:

- DSP technology guarantees high performance
- Output power factor 1
- Active power factor correction in all phases.
- Dual Inputs.
- 50Hz/60Hz frequency converter mode.
- ECO mode operation for energy saving.
- Emergency power off function (EPO).
- Adjustable charging current.
- Very powerful charger.
- Parallel operation with common battery.
- High overload capability.
- Adjustable battery design.
- Automatic Bypass and Maintenance bypass included.

The Taurus 3-Phase provides a better output power with high performance and efficiency for mission critical solutions. Perfect for Small Data Centers and Medical equipment.



HEALTHCARE



INDUSTRY



NETWORKING



SMALL
DATACENTERS



CRITICAL
LOADS

Specifications

MODEL		AB-TAUR20KV	AB-TAUR30KV	AB-TAUR40KV	
Phase		3-Phase + N + PE			
Capacity		20 kVA / 20 kW	30 kVA / 30 kW	40 kVA / 40 kW	
Input	Nominal Voltage	3 x 208/220 VAC (Ph-Ph) / 3 x 120/127 VAC (Ph-N)			
	Dual Input	Standard			
	Voltage Range	138~270 VAC (3-fases) / 80~156 VAC (L-N)			
	Rectifier	IGBT Technology			
	Frequency Range	40~70 Hz			
	Power Factor	≥ 0.99 @ 100% carga			
Output	Output Voltage	3 x 208/220 VAC (L-L) / 3 x 120/127 VAC (L-N)			
	Voltage Regulation	± 1%			
	Frequency Range	46~54Hz or 56~64Hz (sincronizado)			
	Frequency Selection	50 Hz / 60 Hz			
	Current Crest ratio	3:1			
	Harmonic Distortion	≤1 % THD (linear load) / ≤3% THD (no linear load)			
	Waveform	Pure Sine Wave			
	Inverter	3 level IGBT Technology			
	Parallel	Up to 4 Units to add power / Up to 3 +1 redundancy			
	Transfer Time	AC mode to bat. mode	Zero		
Inverter to bypass		Zero			
Efficiency	On Line mode	Up to 96%			
	ECO mode	99%			
	Battery mode	95%			
Internal Batteries	Battery type	12 V/9 Ah	No internal batteries. Battery cabinets available		
	Numbers	(10+10) pcs. x N string (N= 1 ~ 3)			
	Typical recharge time	3 to 4 hours to 90%			
	Charging Current (max.)	4~20 amp (Adjustable)			8~24 amp (Adjustable)
	System battery number	8~10 (Adjustable)			
Indicators	Touch Screen LCD 4,3"	UPS status, load level, battery level, input/output voltage, discharge timer and fault conditions			
Physical	Dimension, D X W X H (mm)	865 x 300 x 1020	790 x 420 x 1200	790 x 420 x 1200	
	Net Weight (kgs)	95 (245 with batteries)	150	160	
	Protections	Main – Bypass in - Out - Bypass Manual			
	Format	Tower			
	Terminal Connection	Main/Bypass/Out	Main/Bypass/Battery/Out		
Environmental	Operation Temperature	0~40°C			
	Operation Humidity	0~95% (without condensation)			
	Noise Level	≤ 58 dB @ 1 meter			
	Operation Altitude	3000 m			
Management	Smart RS-232/USB (hid)	Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux y MAC			
	Puertos	EPO - SNMP/Web - ModBus - JBus – Dry contacts			
Certification Standards	Security	UL1778			
	EMC	FCC Clase A			
	Marks	cTUVus, FCC			

*The specifications are subject to change without prior notice.

