

# Taurus

## Three Phase Double Conversion Online UPS

### Highlights:

- Online double conversion modular UPS
- Double input power
- DSP technology guarantees high performance
- Input power factor 0.99 and output 0.9
- Active power factor correction in all phases
- 50/60 Hz frequency converter mode
- Operation in ECO mode for energy saving
- Emergency Power Off (EPO) function
- Compatible with generator
- LED indicators: Bypass, Rectifier, Batteries and Inverter.
- Multiple communications SNMP+USB+RS232+SR485
- Modular design allows high availability and redundancy
- Includes maintenance bypass
- Front access door for IP20 protection degree.



It delivers clean, stable and reliable power for critical three-phase loads, it is the best option for data centers and light industry. With a modular internal structure, it offers redundancy with continuous Online operation indefinitely even in the event of failures. It offers simplified maintenance that includes a manual bypass and an LCD-controlled solid-state automatic bypass. User-friendly graphical interface.



HEALTH



INDUSTRY



NETWORKS



DATACENTERS



CRITICAL  
LOADS

# Specifications

MODEL		AB-TAURV60K	AB-TAURV80K	
<b>Capacity</b>		60kVA / 54kW	80kVA / 72kW	
<b>Input</b>	Nominal Voltage	3Ph 120/208 Vac or 127/220 Vac (3 Lines, N and G)		
	Voltage Range	121~155 Vac (3-Ph L-L) @ 50% load ; 156~253 Vac (3-Ph L-L) @ 100% load 70~89 Vac (L-N) @ 50% load; 90~146 Vac (L-N) @ 100% load		
	Frequency Range	40~70Hz		
	Power Factor	≥0.99 @ 100% load		
<b>Output</b>	Voltage	3Ph 120/208 Vac or 127/220 Vac (3 Lines, N and G)		
	Voltage Regulation	± 1%		
	Frequency Range sinc	46~54Hz / 56~64Hz		
	Frequency	50/60Hz ± 0.1Hz		
	Crest Factor	3:1		
	Harmonic Distortion	≤2 % THD (linear load) / ≤4 % THD (nonlinear load)		
	Wave type (in batteries)	Pure sine wave		
	Transfer time	AC to Battery Mode	cero	
		Inverter to bypass	cero	
	Overload	AC mode	105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min, >150% for 200ms	
Battery mode		105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min, >150% for 200ms		
Parallel capacity		3+1		
<b>Efficiency</b>	AC mode	96%		
	ECO mode	98%		
	Battery mode	95.1%		
<b>Battery</b>	Chain number	20 pcs. (External cabinets available for one or two strings)		
	Voltage	240 Vdc (+/-120Vdc)		
	Charging current (max.)	24A	32A	
	Charging voltage	+/- 13.8V adjustable		
<b>Indicator</b>	LCD screen	10" LCD color touch screen		
<b>Físico</b>	Dimention, D x W x H (mm)	940 x 567 x 1015	1040 x 567 x 1452	
	Net weight (kgs)	203	280	
<b>Enviroment</b>	Operating temperature	0-104°F		
	Operating humidity	<95% non-condensed		
	Noise level	Less than 60dB @ 1 Meter		
<b>Administration</b>	Ports RS-232/USB	Support Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC		
	Optional SNMP-Dry Con-Modbus	SNMP remote management with graphic interface via browser		

\*Specifications are subject to change without notice.

