

TAURUS Series Three Phase Online Tower UPS



10KVA - 100KVA

- Three Phase System, True Online Double Conversion UPS
- 3 Level IGBT Technology
- Unity Output Power Factor 1.0
- High Power Density, Small Footprint
- High Efficiency >96% in On-line mode
- High Input Power Factor >0.99
- Low Input Harmonic, THDi%<3%
- Advanced Operation Interface - 7.0" Color Touchscreen LCD
- External Battery Design



Model		TS 10	TS 15	TS 20	TS 30	TS 40	TS 60	TS 80	TS 100
Nominal Power (kVA=kW)		10	15	20	30	40	60	80	100
Input	Voltage, Phase	380V/400V/415V, 3 Phase + N +G							
	Voltage Range	380V / 400V / 415V (L-L)							
	Frequency	50Hz / 60Hz							
	Power Factor	≥ 0.99							
	THDi	<3% (100% Linear load)						<2% (100% Linear load)	
Bypass	Voltage	380V/400V/415V 3 Phase + N							
	Voltage Range	-20% to +15%							
	Frequency	50Hz / 60Hz							
	Frequency Range	±1Hz / ±3Hz / ±5Hz (Selectable)							
Output	Voltage	380/400/415 3 Phase + N							
	Voltage Tolerance	±1% (Static Load)							
	Power Factor	1.0							
	Frequency	50Hz/60Hz							
	Frequency Range	±0.1% (free-running)							
	Crest Factor	3:1							
	Voltage Harmonic Distortion	<1% (Linear load) <5% (Non-Linear load)						<1% (Linear load) <2% (Non-Linear load)	
Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute								
Battery	DC Voltage	±240Vdc							
	No. of Batteries	34/36/38/40/44							
	Configuration	External Battery							
	Charging Power	20% of UPS Capacity						15% of UPS Capacity	
Efficiency	VFI Mode	>96%							
Features	Parallel	Up to 4 units							
Interface	Display	7.0" Color Touchscreen LCD							
	Built-in Communication Port	USB, RS232, RS485, Dry Contact							
	Optional Communication	SNMP Card, RS-485 Modbus Card, Dry Contact Card, Parallel Kit							
Physical	Dimension (WxDxH, mm)	250 x 745 x 556				250 x 720 x 650		380 x 950 x 900	
	Weight (kg)	31	31	32	33	66	72	91	91
	Protection Class	IP20							
Environment	Operation Temperature	0~40°C							
	Operation Humidity	0~95% (non-condensing)							
	Noise	<65dBA							
Standards and Certifications	Standards	LVD: EN 62040-1 , EMC: EN 62040-2 , Performance: EN 62040-3							
	Mark	CE, TISI							

*Specification subject to change without prior notice.