

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
- Internal Battery Design



Model		TS 10-B	TS 15-B	TS 20-B	TS 30-B	TS 40-B	TS 60-B	TS 80-B	TS 100-B
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	Internal 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) No. of Internal Battery	250x694x724 (40 blocks)	250x694x724 (40 blocks) 400x700x854 (80 blocks)	250x694x724 (40 blocks) 400x700x854 (80 blocks)	400x700*854 (80 blocks)	500x800x1350 (120 blocks)	500x800x1350 (160 blocks)	500x950x1750 (200 blocks)	500x950x1750 (200 blocks)
	Weight without battery (kg)	41	42	52	54	87	87	113	113
	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.