

TITAN GT

ROBUST AND RELIABLE TRANSFORMER BASED UPS

100kVA ~ 800kVA

Long lasting UPS, robust thanks to the inverter transformer.



PERFECT FOR:



Datacenter



Medical equipment



Industry

FEATURES



- Power factor 0,9, transformer based UPS
- Up to 95% efficiency, 3 level IGBT inverter and rectifier
- THDi <3% for a minimized grid impact
- Front access for simplified maintenance.
- Battery Care system, to improve battery life
- High Power charger, with 3 steps charging,
- High overload capability
- Input for battery switch alarm contact
- Wide communication possibilities: two com slots, RS232, USB

OPTIONS



- Isolation or auto transformer for bypass or input line
- Temperature compensation of the battery charging voltage
- External maintenance bypass
- Parallel kit for load sharing
- Redundant parallel communication
- Load-sync for single UPS or two sets of parallel UPS
- Comm. slots, RS485 card, dry contact relay card, SNMP/web card

SPECIFICATIONS

MODEL		TT100/125/160-GT	TT200/250/300-GT	TT400-GT	TT500-GT	TT600-GT	TT800-GT
INPUT	Voltage	400 Vac 3-phase with neutral					
	Voltage Tolerance	-20%, +15% (rectifier)					
	Frequency	45 to 65 Hz					
	Power Factor	0.99					
	THDi	< 3%					
OUTPUT	Voltage	380/400/415 Vac 3-phase with neutral					
	Voltage Tolerance	Static: ±1%; dynamic IEC/EN 62040-3 Class 1					
	Power Factor	0.9					
	Frequency	50/60 Hz					
	Frequency Tolerance	±0.001 (free running)					
	Crest Factor	3:1					
	Voltage Harmonic Distortion	<1% with linear load; <3% with distorting load					
	Overload	125% for 10 minutes, 150% for 1 minute					
BATTERY	Number	50~52 pcs configurable					
	Charging current Max (A)*	Up to 100A					Up to 200A
EFFICIENCY	VFI Mode	Up to 95%					
	ECO Mode	> 98%					
BYPASS	Voltage	380/400/415 Vac 3-phase with neutral					
	Voltage Tolerance	±10% (selectable)					
	Frequency	50/60Hz (selectable)					
	Frequency Tolerance	±10Hz (selectable)					
	Parallel	Up to 6 units					
	Dimensions (WxDxH) mm	815x825 x1670	1200x860 x1900	1990x990 x1920	2430x990 x2020	2440x990 x2020	3640x990 x1920
	Weight (kg)	TT100-GT = 625 TT125-GT = 660 TT160-GT = 715	TT200-GT = 970 TT250-GT = 1090 TT300-GT = 1170	1820	2220	2400	3600
	Protection Grade	IP20					
	Display and MMI	Graphic display					
	Built-in Communication Port	USB, serial RS232, EPO, battery circuit breaker/external maintenance bypass circuit breaker/diesel mode aux. cont.					
	Optional Communication	SNMP slots, RS485 modbus card, extra dry contact card, remote system monitoring panel					
ENVIRONMENT	Operation Temperature	0~40°C					
	Operation Humidity	0~95% (without condensation)					
	Tested to standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3					
	Mark	CE					
	Noise Level	<62dBA @ 1 meter					

Specifications subject to change without notice