



## Robust Uninterruptible Power Supply from 10kVA to 200kVA

The intelligent, true double-conversion technology, along with smart battery charger, power management, and available extended runtime models are designed for networks, servers, data centers, industrial machinery, and military applications. GT3-3 online UPS is the robust and cost effective solution for all your critical equipment.

### PERFORMANCES

- ▶ Online double-conversion
- ▶ DSP technology guarantees high reliability
- ▶ True galvanic isolation transformer design
- ▶ Control designed to withstand all kinds of loads
- ▶ Intelligent battery management to prolong battery lifecycle
- ▶ Redundant fan design and independent ventilation enhance
- ▶ Durable operation under harsh environment
- ▶ Adjustable battery numbers
- ▶ Accept dual-mains input
- ▶ Parallel operation with up to 4 units (option)
- ▶ Variety of communication options available
- ▶ Optional 7" touch LCD

### APPLICATIONS

#### The best protection for critical systems

- ▶ Data centers
- ▶ IT-Networks
- ▶ Telecommunications
- ▶ Industrial machinery
- ▶ Military application



# ▶ TECHNICAL CHARACTERISTICS

FROM 10kVA TO 200 kVA

MODEL		GT3-3 10K	GT3-3 15K	GT3-3 20K	GT3-3 30K	GT3-3 40K	GT3-3 60K	GT3-3 80K	GT3-3 100K	GT3-3 120K	GT3-3 160K	GT3-3 200K
CAPACITY		10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW	60KVA/48KW	80KVA/64KW	100KVA/80KW	120KVA/96KW	160KVA/128KW	200KVA/160KW
INPUT	Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)										
	Acceptable Voltage Range	285VAC ~ 475VAC										
	Frequency	50/60 Hz ± 10 %										
INVERTER	Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)										
	Precision	Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)										
	Frequency	50/60 Hz synchronised ±1 % With mains absent ±0.1 Hz										
	Max. Synchronisation Speed	±1 Hz/s										
	Waveform	Pure Sinewave										
	Total Harmonic Distortion (THDv)	<2% (Linear Load) ; <5% (Non-linear Load)										
	Phase Displacement	120° ±1% (balanced load) ; 120° ±2% (imbalances 50% of the load)										
	Dynamic Recovery Time	3 cycles at 90 % of the static value										
	Admissible Overload	110% for 10min; 150% for 60sec ; >160% for 200ms										
	Admissible Crest Factor	03:01										
	Admissible Power Factor	0.6~1 (inductive or capacitive)										
	Imbalance Output Voltage @ 100% Unbalanced Load	<1%										
	Current Limit	High overload, short-circuit: RMS Voltage Limit High Crest-Factor current: Peak Voltage Limit										
STATIC BYPASS	Type	Solid state										
	Voltage	3 x 380VAC/400VAC (3Ph + N)										
	Frequency	50/60 Hz										
	Activation Criterion	Microprocessor control										
	Transfer Time	Zero										
	Admissible Overload	150% for 1 hour; 180% for 30sec; >200% for 200ms										
	Transfer to Bypass	Immediate, for overloads above 160%										
	Retransfer	Automatic after alarm clear										
MAINTENANCE BYPASS	Type	Without interruption										
	Voltage	3 x 400V (3Ph + N)										
	Frequency	50/60 Hz										
	Overall Efficiency	Line Mode	89%	90%	91%	92%						
		Battery Mode	90%	91%	92%	93%						
BATTERY & CHARGER	Battery Type and Numbers	12VDC x 32 pcs (29~32 pcs adjustable)										
	Nominal Battery Voltage	384 VDC (Based on 32pcs batteries)										
	Charging Method	CC/CV										
	Charging Current	Default 10A, Max. = Capacity / Battery Voltage					Default: 10A, Max. 40A					
	Charging Voltage	Default: 10A, Max. 40A										
PHYSICAL	Dimension, D X W X H (mm)	656 x 405 x 817	656 x 405 x 941	821 x 432 x 1159	975 x 554 x 1286	975 x 635 x 1326	1051 x 705 x 1646					
	Net Weight (kgs)	118	120	179	241	278	400	471	573	650	735	790

\* Product specifications are subject to change without further notice



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