

T Series UPS

25 – 100 kVA PF 1.0 208 Vac (7.0 Display)



7.0 Inch Touch Screen



Small footprint online double conversion tower UPS with up to Power Factor 1.0 output, three stage battery charging and a color touch screen.

T Series UPS is the ideal power system for industrial applications, banking, and Small Medium Enterprise (SME) servers, computers and communication systems.

FEATURES

Clean power

Output Power Factor of up to 1.0
Frequency converter mode

Low energy consumption

High input power factor of 0.99% minimizes energy consumption
Up to 93% efficiency
ECO Mode available for higher efficiency up to 99%

Advanced battery management

Three stage intelligent charging up to 60 A
Displays estimated battery runtime and tests for battery capacity

Flexible and compatible

Small foot print compact tower, up to four units in parallel
Color touch screen in multiple languages with mini diagrams and 1,000 event history
Dual Input – static and manual (maintenance) bypass
Wide input voltage compatible with low grid or generator voltage
Emergency Power Off (EPO)
UPS management PC software

Power Options

External battery cabinet
Parallel cable

Management Options

Dry contact relay
SNMP card

TRANSFORMERLESS ONLINE DOUBLE CONVERSION UPS

T Series UPS

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SPECIFICATIONS

Model	T3325A-E-D7	T3330A-E-D7	T3340A-E-D7	T3350A-E-D7	T33260A-E-D7	T3380A-E-D7	T33100A-D7
Capacity kVA / kW	25 / 25	30 / 30	40 / 40	50 / 50	60 / 60	80 / 80	100 / 100
Efficiency	up to 93 %						
Charge current	Max 20 A		Max 40 A			Max 60 A	
DC input voltage	+96 / +108 / +120 / +132 (default) / +144 / +156 VDC						
Net weight Kg	80	83	140	147	152	190	200
H x W x L mm	868 x 250 x 828		1100 x 442 x 850			1200 x 442 x 850	

AC Input

Rated voltage	208/120 or 220/127 Vac 50/60Hz 3 Phase (4 wire + Ground)
Voltage range	-20 %, +25 % (96 - 150V or 102 - 159V) at 100% load
Input power factor	≥0.99
Input frequency	40 - 70 Hz (auto)
Current THDi	≤3 % at 100% non-linear load
Bypass range	V max +25 % (default +20), V min -40 % (default -30) Hz max +10% (default +1%), Hz min -10% (default -1%)

AC Output

Rated voltage	208/120 or 220/127 Vac 50/60Hz 3 Phase (4 wire + Ground)
Power factor	PF 1.0 at +132 / +144 / +156 VDC input (PF 0.9 at +108 / +120 VDC, PF 0.8 at +96 VDC)
Output frequency	Synchronous with the network on-line mode / input frequency ≥ ±10 % (±1 %, ±2 %, ±4 %, ±5 % optional) output 50/60 Hz ±0.1 % Hz / battery mode output 50/60 Hz ±0.1 % Hz
THDv	≤2 % linear load, ≤4 % non-linear load
Overload AC mode	≤150 % 1 min, ≤125 % 10 min, ≤110 % 60 min

General Specifications

Color Display	177 mm (7 inch) Touch Screen
Communication	RS232, RS485, USB, communications slot (2), parallel (2), LBS, backfeed protection, remote EPO
Protocol / Software	Megatec, Modbus over RS232 / Muser 5000
Noise	<58dB <60dB <62dB <63dB <65dB <66dB <68dB
Temperature	Operating 0 to +40° C
Altitude	>1500 m output is de-rated
Humidity	≤95% non-condensing

Standards

Safety / EMC	IEC62040-1, IEC 60950-1 / 62040-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8
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