

**The Shield T3 series, is a free standing highly reliable and efficient 3 phase UPS system. Adopting our modular technology, these UPS systems are built for quick serviceability and longevity.**

The T3 has a small footprint which is ideal for smaller spaces. The LCD and LED displays on the UPS give you access to the full range of UPS diagnosis. With an isolated air flow system, we make sure that the internal circuitry of the UPS is least affected by accumulation of dust and small particles.



- 0.9 power factor gives you more real power per UPS.
- Reduce TCO (total cost of ownership) with the ability to parallel up to four units for capacity or redundancy. Parallel up to 1500KVA.
- Modular designs for the UPS and engineering derived from our true modular designs make sure for faster serviceability.
- The full color touch screen LCD screen has a user-friendly interface. Access all UPS readings, statistics and settings.
- Battery cold start function allows the UPS to be started without any utility power.
- The UPS smart charging function ensure a long battery life.
- The T3 range are engineered to have a small footprint hence saving you space and tedious planning.
- Multi-level protection which includes over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit.
- Advanced engineering guarantees high efficiency operating in double conversion mode up to 96%, saving you OPEX.
- Shield network monitoring system enables the UPS to be monitored remotely. Various alerts and traps can be set on a range of events.
- Shield ensures in-depth technician training globally which increases service response and reduces downtime for your critical systems.

## Specification sheet

System capacity	T360X	T380X	T3100X	T3120X	T3150X	T3200X	T3250X	T3300X	T3400X	T3500X
Capacity (KVA)	60	80	100	120	150	200	250	300	400	500
<b>Input</b>										
Input type	3P+N+PE									
Input voltage	380/400/415VAC (line-line)									
Input frequency	50/60Hz									
Input voltage range	304~478Vac (line-line),full load; 228-304Vac, load derated linearly									
Input frequency range	40Hz~70Hz									
Input PF	>0.99									
Input THDi	<3% (100% Linear load)									
<b>Output</b>										
Output voltage	380/400/415VAC (line-line)									
Output frequency	50/60Hz									
Voltage regulation	±1.5%									
Output PF	0.9									
Output THDu	<1% , Linear load; <5.5%, Non-linear load									
Overload capacity	110% for 10 min, 125% for 1 min, 150% for 5s, >150% for 200 ms									
<b>Battery</b>										
Voltage	±240VDC									
Charging accuracy	±1%									
Charging capacity	up to 20% * System Power									
<b>Efficiency</b>										
AC mode	≥95.0%									
Battery mode	≥95.0%									
<b>System</b>										
Display	Color LCD touch screen and LED									
Interface	Standard: RS232, RS485, USB, Dry contacts(programmable); Optional: SNMP, AS400, Parallel kit, Battery cold start (standard for 250kVA and above), Lightning protection components, Dust filter, LBS									
<b>Environment</b>										
Operation temperature	0 ~ 40 °C									
Storage temperature	-40 ~70 °C									
Relative humidity	0 ~ 95% Non Condensing									
Noise (1 meter)	68dB @ 100% load, 65dB @ 45% load					72dB @ 100% load, 69dB @ 45% load				
<b>Physical data</b>										
Dimensions (W*D*H)(mm)	600*980 *950	600*980 *1150	600*980 *1150	600*980 *1400	600*980 *1600	600*980 *1600	600*980 *2000	600*980 *2000	1300*1100 *2000	1300*1100 *2000
Weight (kg)	60	80	100	120	150	200	250	300	400	500
Protection Level, (IEC60529)	IP20									