

The Shield T3 series, is a free standing highly reliable and efficient 3 phase UPS system. Shield's advanced engineering ensures that the unit runs with high efficiency saving you a good amount on OPEX.

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.



- The 10 and 15KVA models have a unity power factor while the 20, 30 and 40KVA have a 0.9 power factor giving you more real power.
- Reduce TCO (total cost of ownership) with the ability to parallel up to eight units for capacity or redundancy.
- Modular designs for the UPS and engineering derived from our true modular designs make sure for faster serviceability.
- The 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 ensures 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	T310Xi	T315Xi	T320Xi	T330Xi	T340Xi
Capacity (KVA)	10KVA	15KVA	20KVA	30KVA	40KVA
Input					
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	<4%		<3%		
Output					
Output voltage	380/400/415VAC (line-line)				
Output frequency	50/60Hz				
Voltage regulation	±1.5%				
Output PF	1		0.9		
Output THDu	<1% , Linear load; <5.5%, Non-linear load				
Overload capacity	110% for 60 min, 125% for 10 min, 150% for 1 min, >150% for 200 ms				
Output waveform	Pure sine wave				
Crest factor	3:1				
Bypass system	Internal automatic bypass and UPS manual bypass				
Battery					
Voltage	±240VDC				
Charging accuracy	±1%				
Charging capacity	up to 20% * System Power				
Efficiency					
AC mode	≥95.0%				
Battery mode	≥95.0%				
System					
Display	LCD screen and LED				
Interface	Standard: RS232, RS485, Dual input kit Optional: SNMP, Dry contacts, Parallel kit, Battery cold start				
Alarms	Audible alarms as per default or edited settings				
EPO	Remote and local EPO (Emergency power off) provided				
Environment					
Operation temperature	0 ~ 40 °C				
Storage temperature	-40 ~70 °C				
Relative humidity	0 ~ 95% Non Condensing				
Noise (1 meter)	<55dB (1 meter away)				
Physical data					
Dimensions (W*D*H)(mm)	250*840*715	250*840*715	350*738*1335	350*738*1335	500*840*1400
Weight (kg)	51.5	51.5	89	89	140
Protection Level, (IEC60529)	IP20				
Certifications	EN 62040-2:2006, EN 62040-2:2006, IEC 61000-4-2:2008, IEC 61000-4-3:2006+A1:2007+A2:2010, IEC 61000-4-4:2012, IEC 61000-4-5:2014, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004, EN 61000-2-2:2002				