

The Shield T1 range of UPSs is the perfect choice for smaller mission critical equipment and sensitive devices. The online double conversion systems gives you clean, continuous, pure sine wave output power. Available in a range of sizes for various applications.

The T1 UPSs adopts the advanced 3-level technology to achieve high efficiency. The 6 and 10KVA models have a unity output power factor to give you more real power per KVA. The Shield T1 6-20KVA UPSs have a small foot print and can carry additional battery banks for longer run times.



- The 6,10KVA UPSs are engineered with unity output power factor and the 1, 2, 3, 15, 20KVA with 0.9 output power factor hence giving you more real power.
- UPSs come with internal batteries for standard runtime.
- Add external battery banks for longer run times.
- LED and LCD displays on the T1 UPSs for monitoring status of the UPS and quality or usage of power.
- Optional network card allows for remote monitoring and access to full UPS diagnosis and settings.
- Full Protection of overvoltage, short circuit and over temperature.
- Automatic fan speed adjustment.
- Easy parallel the T1 UPSs for redundancy or capacity.
- Intelligent charge management for long battery life.

Specification sheet

System model	T11Xi	T12Xi	T13Xi	T16Ui	T110Ui	T115Xi	T120Xi
System capacity (KVA)	1	2	3	6	10	15	20
Mains							
Input voltage	110VAC-288VAC 100% load@>176VAC; 80% load@>160VAC 80% load@>140VAC; 50% load@>110VAC						
Phase	Single phase in : Single phase out						
Input frequency range	40Hz~70Hz						
Input PF	>0.97		>0.99			>0.98	
Output							
Output voltage	220V/230V/240V						
Voltage regulation	±1%						
Output frequency	50/60Hz						
Output PF	0.9		1.0			0.9	
Output THDu	≤2%(linear) ; ≤5% (non-linear)					≤1%(linear) ; ≤5% (non-linear)	
Overload capability (Inverter mode)	110%: for 10 min; 125%: for 1min; 150%: for 30 sec (shut down bypass after 1 min)						
Overload capability (Battery mode)	110%: shut down after 1 min; 125%:shut down after 10 sec; >125%: shut down after 1 sec						
Crest factor	3:1						
Efficiency	87%	91%	90%	95%		93.5%	
Battery							
Battery Voltage (VDC)	36	72	96	192			
System							
Display	LED + LCD						
Interface	RS232,SNMP						
Option	USB, SNMP, Dry contacts						
Environment							
Operation temperature	0 ~ 40 °C						
Storage temperature	-20 ~70 °C						
Relative humidity	0 ~ 95% Non Condensing						
Physical data							
W*D*H (mm) with batteries	144*353*222	190*374*336	190*427*336	190*426*705	190*485*705	250*562*650	250*562*710
Weight (kg)	10.5	21	24.5	56	60	27	34
Internal batteries	✓	✓	✓	✓	✓	✗	✗