



**Star T1X Series - 650VA-2kVA**



**Product Benefits:**

- Compact size
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilisation
- Auto restart with AC recovery
- Simulated Sinewave inverter output
- Off-mode charging
- Cold start function
- USB communication as standard with RJ11 telephone protection

*See full specifications on the next page*

## Star T1X Series – data sheet

<b>Constant Power Discharge Data (Watts per cell at 25°C)</b>				
SPECIFICATIONS	ST 1006X	ST1010X	ST1015X	ST1020X
Capacity	650VA/360W	1000VA/600W	1500VA/900W	2000VA/1200W
<b>INPUT</b>				
Voltage	110/120VAC or 220/230/240VA			
Voltage Range	81-145VAC or 162-290VA			
Frequency Range	50Hz or 60Hz (auto-sensing)			
<b>OUTPUT</b>				
AC Voltage Regulation (Batt. Mode)	± 10%			
Frequency Range (Batt. Mode)	50Hz or 60Hz ± 1H			
Transfer Time	Typical 1-6ms, 10ms Ma			
<b>BATTERY</b>				
Battery Type & Number	12V/7Ah x1	12V/7Ah x	12V/9Ah x2	
Backup Time (One PC @ 120W load)	10 min.	30 min	40 min.	42 min.
Typical Recharge Time	4-6 hours recovery to 90%			
<b>INDICATORS</b>				
AC Mode	Green LED on		The right green LED is on and LED's 2-5 indicate load level	
Battery Mode	Green LED Flashes	Yellow LED Flashes	The right green LED is on and LED's 2-5 indicate load level	
Fault	Red LED flashes			
<b>PROTECTION</b>				
Full Protection	Overload, discharge, and overcharge protection			
<b>ALARM</b>				
Battery Mode	Sounds every 10 seconds			
Low Battery	Sounds every seconds			
Overload	Sounds every 0.5 seconds			
Battery Replacement Alarm	Sounds every 2 seconds			
Fault	Continuously sounds			
<b>PHYSICAL</b>				
Dimension, D x W x H (mm)	287 x 100 x 142	350 x 146 x 160	397 x 146 x 205	
Net Weight (kg)	4.25	8.0	11.1	11.5
<b>OPERATING ENVIRONMENT</b>				
Humidity	0-90% RH @ 0-40°C (non-condensing)			
Noise	Less than 40dB			