



Trigger **ExtremeGuard TU 6 Series** is an Online Double Conversion UPS designed for outdoor application which can be used as a backup power solution for various applications such as: Telecom, Cable TV, Traffic light, etc.

It is rack-mounted designed to suit most installation for outdoor applications and to continuously provide power protection to telecommunication systems, security system, and many other critical applications.

ExtremeGuard TU 6 Series UPS offer solutions that provide extended backup time by adding more battery modules externally. Together with the power monitoring and management software, it could provide advance power management solution, allowing graceful, unattended, systematic shutdown and management of your valuables files and data during power failure and protection against power disturbances in most of the major operating platform.



Computer/
Server



Network
Peripherals



Telecom



Security



Key Features

- Online Double Conversion UPS
- Extendable runtime feature
- High reliability in rugged environment
- SNMP (optional)
- Comprehensive LED + LCD Display
- Full output power up to 50°C
- Integrated Static Bypass Switch
- Wide working temperature (-30°C ~ 65°C)

ExtremeGuard TU6 Series

1 / 2 / 3 / 5 / 6 KVA

UNINTERRUPTIBLE POWER SUPPLY





ExtremeGuard TU 6 Series



MODEL	ExtremeGuard TU 6 Series				
Model (3/3P)	TU6010SR	TU6102SR	TU6103SR	TU6105SR	TU6106SR
CAPACITY					
Capacity (VA)	1000 VA	2000 VA	3000 VA	5000 VA	6000 VA
Capacity (W)	800 W	1600 W	2400 W	4000 W	4800 W
INPUT					
Phase	1P + N + G (220/230/240V)				
Voltage Range	184 to 276VAC				
Frequency Range	45 - 55 Hz / 55 - 65 Hz				
OUTPUT					
Nominal Voltage	220/230/240 VAC				
Voltage Range	+2% to -2%				
Frequency	50/60 Hz \pm 0.1%				
Wave Form	Pure Sinewave				
Transfer Time	Inverter to Battery mode (0 ms); Inverter to Bypass (4 ms)				
Total Harmonics Distortion (THD)	< 3% with Linear Load; < 5% with Non-linear Load				
Crest Factor	3 : 1				
Overload Capacity	>125% for 10 mins; >150% for 1 mins				
BATTERY					
Type	Valve-Regulated Maintenance Free Sealed Lead Acid				
Battery Rating	Dependable on battery runtime requirement				
No. of Batteries	4 blocks				
DC Voltage	48 VDC				
Charging Current (max)	5A				
INDICATIONS					
LED + LCD	Status: INV / BYP / CHG Alarm: Fan Fault / Over Chg / Low Batt / Over Temp / Overload / Fault				
SYSTEM					
Efficiency	>85%				
IP Class	IP20				
ENVIRONMENT					
Operating Temperature	-30° to 65°C (-22° to 149°F)				
Relative Humidity	20% to 95% Non-condensing				
Noise Level at 1 meter	< 55dB				
COMMUNICATION					
Interface (Standard)	RS232 + Dry Contacts				
SNMP (Optional)	Power Management from SNMP Manager and Web Browser				
PHYSICAL					
Dimension (W x D x H) mm	482 x 520 x 267 (6U)			482 x 525 x 312 (7U)	
Weight (kg)	60	66	72	93	96
CERTIFICATIONS					
Safety Approvals	CE				

Note: The product specification listed is subjected to change without notice.



TU6103SR



TU6103SR

