

**Fuelling Innovation
Powering Customer Satisfaction**

TECHSER[®]

THE TECHNICAL SERVICE PEOPLE SINCE 1988

**ONLINE UPS
TECHGLARE SERIES**

Applications :

BFSI Segment, Defence
TeleCom, Education
IT & ITES, Data Centres
Medical & Pharma Segment
Hospitality Segment

Salient Features of TECHGLARE series UPS

- Microprocessor Design
- High Frequency Switching Double Conversion PWM IGBT Technology
- Wide Input Voltage Range
- Active Power Factor Correction - Input PF > 0.97
- Cold Start Feature
- Generator Compatibility
- Lightning and Surge Protection
- Compact Size, Small Foot Print & Dynamic Performance
- Input Current THD <7%
- EMI/RFI Noise Filter
- Advanced Communication
SNMP Compatible



Also Manufacturers of
Servo voltage stabilizers
500 VA to 500 KVA



Indigenous Design

TECHGLARE SERIES - TECHNICAL SPECIFICATIONS

Model No.	TECHGLARE 1000	TECHGLARE 2000	TECHGLARE 3000	TECHGLARE 5000	TECHGLARE 6000	TECHGLARE 7500	TECHGLARE 10000
Capacity	1 KVA	2 KVA	3 KVA	5 KVA	6 KVA	7.5 KVA	10 KVA
Input							
Voltage range	160V AC To 280V AC			160V AC To 280V AC			
I/P Low/high Transfer	<160V AC & >280V AC						
Current THD	<10% @ Full Load			<7% (Optional) @ Full Load			
Power Factor	≥0.97						
Phase	1 Phase 230V AC+Neutral+Earth						
Frequency Range	45 - 55 Hz						
Output							
Voltage	230V AC						
Voltage Regulation	± 1%						
Frequency (Free Running)	50 Hz ± 0.1%			50 Hz ± 0.5%			
Frequency (Synchronised Range)	50 Hz ± 0.1%			50 Hz ± 0.5%			
Crest Factor	3:1						
Waveform	Pure Sine Wave						
Harmonic Distortion	≥ 2% @ Full Load (Linear Load)						
	≥ 3% @ Full Load (Non-Linear Load)						
Efficiency (AC to AC)	> 90%						
Inverter Efficiency	≥ 93%						
Power Factor	0.8 Lag to Unity						
DC Voltage	36V	72V/96V	72V / 96V/120V	180V-240V	180V-240V	192V	180/ 240 V
Battery							
Battery Type	Sealed Lead Acid Maintenance Free, Lead Acid Tubular						
Charger	Built-in CVCC Charger with Ripple current ± 1% (< 2 % ms) Recharge Time <12 Hrs DC Current limit						
General							
Operating Temperature	0 - 45 Degree Centigrade / Storage temperature 0 to 60 Degree Centigrade						
Humidity	0 - 95% Non - Condensing						
Acoustic Noise Level	55dBA @ 1 Meter						
Audible Alarm	Mains Failure, Battery Low & Overload, Output Low/High, Output Short Circuit, Over Temperature						
Indications	Mains ON, Inverter ON, Load ON UPS, Load ON By Pass, Auto By Pass ON						
LCD Display	Input Voltage & Frequency, Output Voltage, Frequency, Load Current, Battery voltage, Load & Battery Level Graph, Temperature						
Protection	Input & battery MCB with MCB's, Fast acting fuses & High speed pulse blanking. Inverter Over Temperature Electronic over voltage/under voltage, By pass Over Voltage, output short circuit. DC Short circuit						
Over Load	125% for 10 Min. and 150% for 1 minute						
Static Bypass & Transfer Time	Standard Static Bypass, completely uninterruptible transfer between main-battery/battery-mains.						
Degree of Protection	IP 20						
Computer Interface	RS 232, Auto Shutdown Software with Windows/07/XP						
Optional	SNMP/Web enabled Software						
Solar Provision	MPPT Charger facility available for Solar PV Integration as option						

Customised Complete Power Solutions with Configurations Like Parallel N+1 Redundant, Hot Standby UPS Available as Options.

Other series - TMP Series 3 to 30 KVA TECHLITE Series 20 to 200 KVA

TECHSER reserves all right to specifications and are subject to change without notice

TECHSER POWER SOLUTIONS PVT. LTD.

An ISO:9001,EMS:14001,OHSAS:18001 Certified Company

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OTHER PRODUCTS: SILENT GENERATOR / INVERTER, LINE INTERACTIVE UPS, SERVO STABILIZER (AIR COOLED & OIL COOLED), AVR (AUTOMATIC VOLTAGE REGULATOR) FLOAT CUM BOOST CHARGER & GRID-TIED SOLAR UPS, OFF-GRID SOLAR UPS, SOLAR HYBRID UPS & LED LIGHTING SOLUTIONS

Note: For District Level Branch/Service Centre Telephone and address please contact above regional office in respective state or Visit our website