

**Fuelling Innovation  
Powering Customer Satisfaction**

**TECHSER<sup>®</sup>**

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**

- DSP Controlled Design
- High Frequency Switching Double Conversion PWM IGBT Technology with Galvanic Isolation
- Wide Input Voltage Range
- Active Power Factor Correction - Input PF > 0.99
- Cold Start Feature
- Generator Compatibility
- Lightning and Surge Protection
- Compact Size, Small Foot Print & Dynamic Performance
- Input Current THD < 5%
- 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	160 VAC-290 VAC			160 VAC- 290 VAC			
I/P Low/high Transfer	< 160 VAC - > 290 VAC			< 160 VAC - > 290 VAC			
I/P V Adjustable Range	160-290 VAC			160-290 VAC			
Power Factor	≥0.99			≥0.99			
Phase	1 Phase 230V AC+Neutral+Earth			1 Phase 230V AC+Neutral+Earth			
Frequency Range	40Hz -70Hz			40Hz -70Hz			
Output							
Voltage	230V+ 5% -15%			230V+ 5% -15%			
Voltage Regulation	± 1%			± 1%			
Frequency (Free Running)	50 HZ ± 3%			50 HZ ± 3%			
Frequency (Synchronised Range)	50 HZ ± 3%			50 HZ ± 3%			
Crest Factor	3:1			3:1			
Waveform	Pure Sine Wave			Pure Sine Wave			
Harmonic Distortion	≤ 3% @ Full Load (Linear Load)			≤ 3% @ Full Load (Linear Load)			
	≤ 4% @ Full Load (Non-Linear Load)			≤ 4% @ Full Load (Non-Linear Load)			
Efficiency (AC to AC)	≥ 95%			≥ 95%			
Power Factor	0.8 Lag			0.8 Lag			
DC Voltage	36V	72V/96V/108V/120V		180V-240V	180V-240V	192V	180/ 240 V
Battery							
Battery Type	Sealed Lead Acid Maintenance Free, Lead Acid						
Charger	Built-in Solid State Float - Cum - Boost Charger with Automatic Boost / Trickle Charge Modes with Current Limiting Features.						
General							
Operating Temperature	0 - 45 Degree Centigrade						
Humidity	0 to 95 % RH @ 0.50 degree (non-condensing)						
Acoustic Noise Level	Υ 55dB @ 1 Meter			Υ 65dB @ 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						
Protection	Advanced electronic protection for device safety backed with MCB's, Fast acting fuses & High speed pulse blanking. Electronic over voltage/under voltage, output 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						

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