

EP-T Series 1-3kVA Online Double Conversion Tower AC UPS

Key Features

- Easy mounting tower design - no rack required.
- Online double conversion mode for increased power reliability to connected critical systems.
- Fast setup and deployment, with automatic operation.
- 0.99 input power factor with PFC.
- Energy saving ECO mode.
- Intuitive and informative colour LCD.
- USB & RS232 communication, optional SNMP management card.
- Emergency Power Off (EPO) port for remote shutdown/startup.
- Short circuit, overload, overheat protection.
- Battery overcharge/overdischarge protection.
- Suitable for AU / NZ, and other countries with 230Vac nominal input voltage.

Available Options:

EP-T1000S - 1kVA / 900W

EP-T2000S - 2kVA / 1800W

EP-T3000S - 3kVA / 2700W

EP-T3000L - 3kVA / 2700W Long Run (No Internal Batteries)



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Effortless Backup Power for Your Essential Systems

The Enertec EP-T UPS series is designed for ultimate convenience, combining robust power protection with a plug-and-play experience, requiring minimal setup and configuration. Perfect for short-term backup needs, these units are engineered to ensure your critical systems stay operational, no matter what.

Key Features & Benefits:

Simple Installation:

- Standalone tower design for simple installation in any application.
- Suitable for under-desk installation.

Online Double Conversion Technology

- High quality smoothing with automatic handling of voltage spikes, distortion, and other power anomalies.
- Provides efficient and reliable backup with simple, automated operation, ensuring minimal downtime during power interruptions.

Fast Setup & Deployment

- Get up and running quickly with automatic operation and intuitive controls—ideal for quick installations and deployments.

Flexible Output Options

- 4 x IEC output load bank for direct connectivity to critical devices.
- Hard-wireable output terminals for fixed installations.

Optimized Energy Efficiency

- 0.99 Power Factor with Power Factor Correction (PFC) ensures optimal power usage.
- Energy-saving ECO Mode reduces power consumption during low-load conditions.

Advanced User Interface & Communication

- Informative LCD with simple-to-use function keys for quick configuration and status updates.
- USB/RS232 communication and optional SNMP expansion for seamless integration into your existing systems.

Comprehensive Protection & Alarms

- Safeguards against short circuits, overloads, and overheating.
- Built-in battery overcharge and over-discharge protection extends battery service life.
- Alerts for low voltage output and fan faults, ensuring prompt action when needed.



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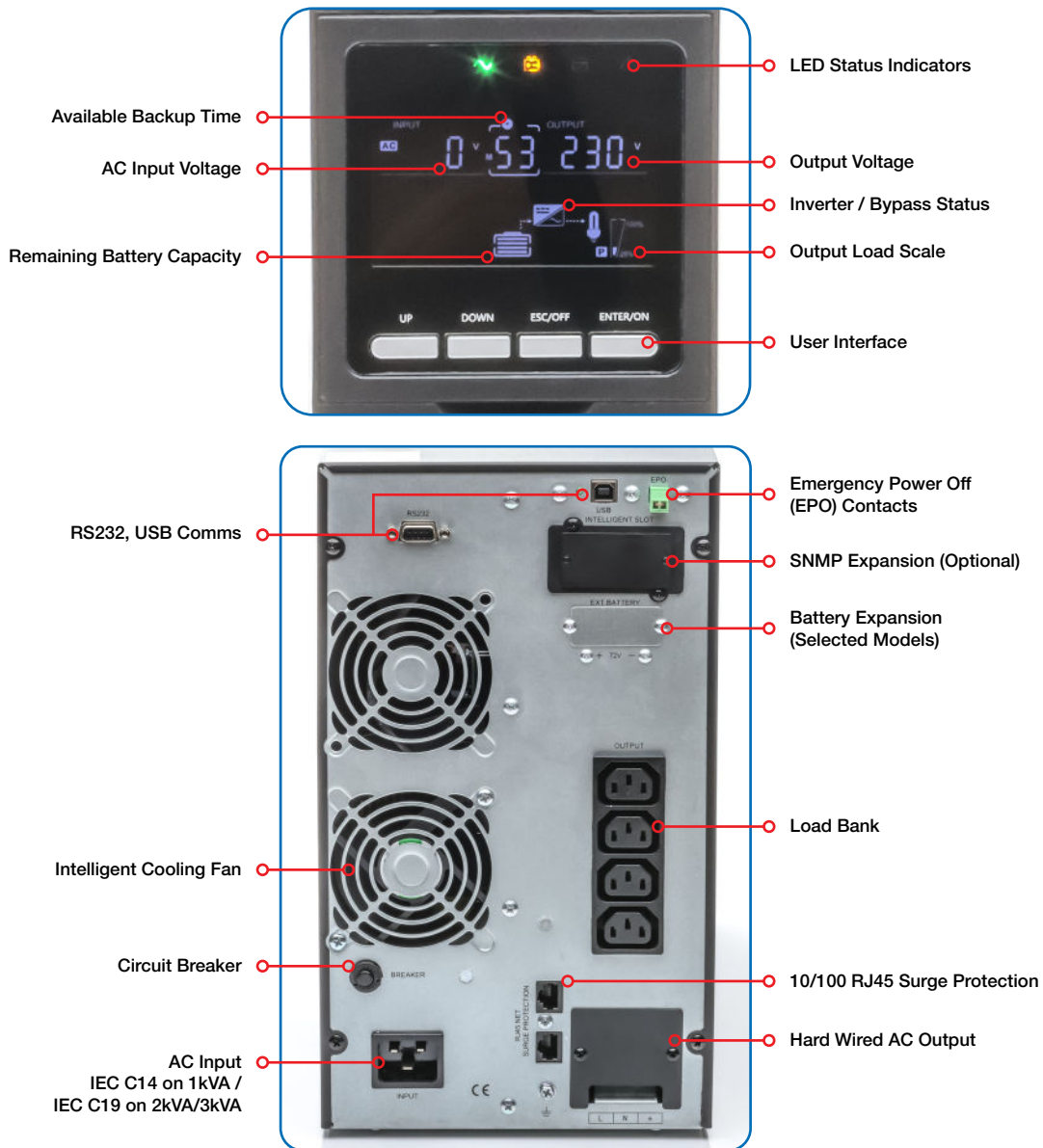
Specifications

	EP-T1000S	EP-T2000S	EP-T3000S	EP-T3000L
Output Capacity	1000VA / 900W	2000VA / 1800W	3000VA / 2700W	3000VA / 2700W
Backup Time (est. Max)	6.5min. @ 50% Load	7min. @ 50% Load	7min. @ 50% Load 2min @ 100% Load	Determined by Battery Pack
Input				
Nominal Voltage	208/220/230/240Vac			
Voltage Range (no battery intervention)	176~264Vac ±5% @ 100%-50% Load 110~300Vac ±5% @ 50-0% Load			
Power Factor	>0.99			
Frequency				
Frequency Range	40-70Hz (50/60Hz Auto-Sensing)			
Output				
Output Voltage	208/220/230/240Vac			
Voltage Regulation	±1%			
Power Factor	0.9			
Output Frequency	46~54Hz or 56-64Hz (Line Mode) / (50/60 ±0.1%)Hz (Battery Mode)			
Output Waveform	Pure Sinewave			
Crest Factor	3:1			
Harmonic Distortion	≤3%THDv Linear Load / ≤5%THDv Non-Linear Load			
Transfer Time	0ms (AC to Battery Mode) / 4ms (Inverter to Bypass)			
Crest Factor	Pure Sinewave			
Efficiency				
AC Mode	88%	88%	90%	91%
Battery Mode	85%	87%	87%	88%
Battery				
Quantity Installed	3	6	6	0
Capacity	7Ah / 12Vdc	7Ah / 12Vdc	9Ah / 12Vdc	None Installed
Typical Recharge Time	4 hours (to 90% of full capacity)			Determined by Battery Pack
Charging Current (Max.)	1A			Determined by Battery Pack
External Battery Support	Optional	Optional	Optional	Yes
Physical				
Dimensions	144(W) x 399(D) x 209(H)mm	191(W) x 460(D) x 337(H)mm	191(W) x 460(D) x 337(H)mm	191(W) x 460(D) x 337(H)mm
Net Weight	12.5kg	24.5kg	24.5kg	10kg
Environment				
Operating Temperature	0 ~ 40°C			
Storage Temperature	-25°C ~ 55°C			
Humidity Range	20 ~ 95%RH @ 0~40°C (Non Condensing)			
Altitude	<1500m (Derating required when > 1500m)			
Noise Level	<50dB @ 1m			
Standards				
Safety	IEC/EN 62040-1, IEC/EN 62477-1			
EMC	IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)			

1. When output voltage is 208Vac, max capacity derates to 80%. 2. Specifications are subject to change without prior notice. 3. Data above are typical values for reference only, not as a basis for engineering design.

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Indicators	
LED Display	Line Mode, Battery Mode, ECO Mode, Bypass Mode, Battery Low, Overload & Fault
LCD Display	Input Voltage, Input Frequency, Output Voltage, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature, Remaining Battery Backup Time
Alarms	
Battery Mode	Beeping every 4 seconds
Battery Low	Beeping every second
Overload	Beeping twice every second
Fault	Continuously beeping



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Included Accessories

IEC Mains Cable

- 10A C13 IEC (1kVA)
- 16A C19 IEC (2kVA/3kVA)

Optional Accessories

Long Run Battery Tower

EP-TBPACK72

- 72Vdc output (12 x 12V/9Ah Batteries).
- Integrated charge controller.
- Compatible with 2kVA/3kVA UPS models.
- Stackable up to 4x units for exceptional backup time at any load.

* Note: EP-T3000L includes external expansion connector. EP-T2000S & EP-T3000S require optional expansion connector fitted (speak to your Sales Engineer if this is required).



SNMP Communications Card

EP-SNMP

- Enhanced monitoring capability.
- Ethernet, RS485, USB.

