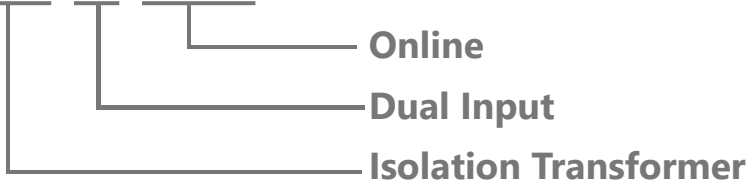


# TX-D VFI ISOLATED UPS SYSTEM



True online double conversion UPS System with built in input isolation transformer and auto-sense dual voltage (110/230V) input. Eliminates load earth leakage from source. Floating output. Designed for electrically harsh environments and where highest levels of power protection and electrical safety are required.



- True Online Double Conversion
- Internal Input Isolation Transformer
- Input Power Factor Correction
- Wide Input Voltage from 50V to 300Vac
- 50 to 60Hz Converter Mode
- ECO mode for energy saving
- Emergency Power Off
- OVCD and Surge Immunity Built In
- Adjustable Charging Current
- Intelligent Battery Charger
- Comprehensive LCD Display
- Generator Compatible

MODEL	TX1000D	
CAPACITY*	1000VA/900W	
<b>INPUT</b>		
Voltage Range	100~300VAC	
Frequency range	46~65Hz	
Phase	Single Phase w Ground	
Power Factor	≥0.98 @ 100% Load	
<b>OUTPUT</b>		
Output Voltage	200/208/220/230/240VAC	
AC Voltage Regulation	±1% (Battery)	
Frequency (Synchronised)	As input	
Frequency (Battery)	50±0.1Hz or 60±0.1Hz	
Current Crest Ratio	3:1	
Harmonic Distortion	<2% @ 100% Linear Load, <6% @ 100% Non-linear load	
Transfer Time	Line ↔ Battery	0ms
	Inverter ↔ Bypass	4ms
	Inverter ↔ ECO	<10ms
Waveform	Pure Sinewave	
<b>EFFICIENCY</b>		
AC Mode	≥75%	
ECO Mode	≥80%	
Battery Mode	≥82%	
<b>BATTERY</b>		
Type	12V/7Ah	
Qty	3	
Charge Current	Default 2A, Max 8A adjustable	
<b>PHYSICAL</b>		
Input Connector	IEC C20	
Output Connector	8x IEC C13	
Dimension WxDxH (mm)	190x421x318	
Net Weight (kg)	22	
<b>ENVIRONMENT</b>		
Operating Temperature	0~40°C (Note diminished battery life at >25°C)	
Humidity	20-95% RH Non Condensing	
Altitude	<1000m. Derate unit 1% for every 100m climb in altitude	
Noise Level	<55dBA @ 1m	
<b>MANAGEMENT</b>		
Smart RS232 or USB	Supports Windows, Linux, Unix & MAC Platforms	
Intelligent Slot	Supports Power Management from SNMP manager & web browser. Supports Relay Card	

\* Derate capacity to 80% when the output voltage is adjusted to 200VAC/208VAC.

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Although every effort is made to ensure accuracy of this document, information is provided for guidance only and does not form part of any contract. Specifications are subject to change without notice.

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