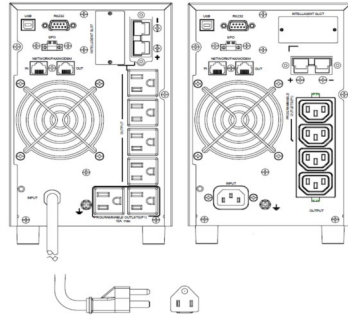


VFI-T+



Online Double Conversion Unity Power Factor Uninterruptible Power System (UPS) in tower format. Available in nominal European (230V) and North American (120V) voltages.

MODEL	VFI1000T+ / VFI1000AT+	VFI1500T+ / VFI1500AT+
PHASE	Single phase w ground	
CAPACITY*	1000W	1500W
INPUT		
Nominal Voltage	230Vac / 'A' Models: 120Vac	
Voltage Range	@100% Load	160 - 300Vac ±3% / 'A' Models: 80 - 150Vac ±3%
	@50% Load	110 - 300Vac ±3% / 'A' Models: 55 - 150Vac ±3%
Frequency Range	40 ~ 70Hz	
Power Factor	≥ 0.99 @ nominal voltage (100% load)	
THDi	≤ 5%	
OUTPUT		
Output Voltage	200 ¹ /208 ¹ /220/230/240Vac / 'A' Models: 100 ¹ /110 ¹ /115 ¹ /120/127 Vac	
AC Voltage Regulation (Battery Mode)	±1%	
Frequency Range	Synchronised	47 ~ 53Hz or 57 ~ 63Hz
	Battery Mode	50 or 60 Hz ±0.1Hz
Current Crest Ratio	3:1	
Harmonic Distortion	≤ 2% THD (Linear Load) ≤ 4% THD (Non-linear load)	
Transfer Time	AC to DC	Zero
	Inverter to Bypass	4ms Typical
	ECO to Battery Mode	8ms (typical) 10ms (max)
Waveform (Inverter)	Pure Sinewave	
EFFICIENCY		
Line Mode	≥ 89% @ battery fully charged	
ECO Mode	≥ 96% @ battery fully charged	
Battery Mode	≥ 88%	
BATTERY		
Battery Type & Number	12V 9Ah x2	12V 9Ah x3
Typical Recharge Time	3 hours recovery to 95% @ 2A charging current (internal battery)	
Charging Current	2A default, 12A max / 'A' Models: 2A default, 8A max	
Charging Voltage	27.4Vdc ±1%	41.1Vdc ±1%
INDICATORS		
LCD Panel	Load level, Battery level, AC mode, Battery mode, Bypass mode & Fault indicator	
ALARM		
Battery Mode	Sounding every 5 seconds	
Low Battery	Sounding every 2 seconds	
Overload	Sounding every second	
Fault	Continuously sounding	
PHYSICAL		
Input Connection	IEC320 C14 input / 'A' Models: Nema 5-15P input cord	
Output Connection	IEC320 C13 x 4 / 'A' Models: Nema 5-15R x6	
Dimensions WxDxH	145x397x220 mm	
Weight	11.7kg	14.6kg
ENVIRONMENT		
Humidity and Temperature	20-95%RH @ 0-40°C (non condensing)	
MANAGEMENT		
Smart RS232 or USB	For Windows, Linux and MAC	
Intelligent Slot	SNMP	Power management SNMP manager and web browser
	Relay	UPS status on NO or NC relay contacts
COMPLIANCE		
EMC/Safety	EN62040-1 / EN62040-2 (EMC) / 'A' Models: cTUVus UL1778	

*Derate capacity to 80% of maximum when output voltage is adjusted as indicated ¹.

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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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