

# VFI-B<sup>3</sup> UPS



Model B Enhanced

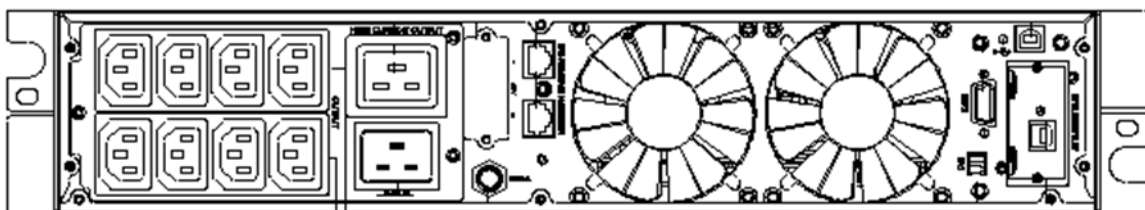
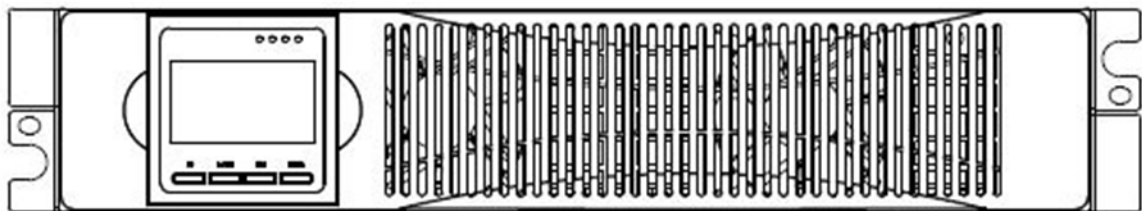
Online Double Conversion

**True online double conversion UPS System, rack/tower format, unity power factor model**



- Rack/Tower Convertible Design
- Segmental LCD with Multifunction parameter setting
- Compact in size, only 2U height
- True online double conversion with DSP control
- Unity power factor and low input current THDi
- Environmental Green Concept Design
- ECO mode settable
- Frequency Conversion Mode
- Matching battery packs
- Automatic Battery Test from LCD

- Versatile Communication Interfaces
- Communication Software
- UPS Server Software
- Event Log Export
- Power Shedding Function
- Intelligent Charge Modes
- Smart Fan Speed Control
- Superior Overload Capability
- Emergency Power Off Built In



## Specifications

MODEL		VFI3000B <sup>3</sup>
		INPUT
Capacity		3000 VA / 3000 W
Voltage Range		110-290V
Frequency Range		45Hz ~ 70Hz
Phase		Single phase with ground
Power Factor		≥ 0.99
THDi		≤6%
		OUTPUT
Voltage		208/220/230/240 VAC
Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		Synchronized to Mains
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz (60Hz ± 0.1 Hz)
Current Crest Ratio		3:1
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 4 % THD (Non-linear Load)
Transfer Time	AC to DC	Zero
	Inverter to Bypass	4 ms (Typical)
	ECO to Battery mode	8 ms (Typical), 10 ms(max)
Waveform (Batt. Mode)		Pure Sinewave
Over Load Capacity		100% < Load < 110% 10min; 110% < Load < 130% 1min 130% < Load < 150% 5sec; > 150% Bypass
		EFFICIENCY
ECO mode		≥96% @ full charged battery
AC Mode		≥92% @ full charged battery
Battery Mode		≥90% @ full load
		BATTERY
Battery Type		12 V / 9 AH
Numbers		6
Typical Recharge Time		4 hours recover to 90% capacity of battery
Charging Current (CC)		2A
Charging Voltage(FV)		82.2VDC ± 1%
		PHYSICAL
Dimension, D X W X H (mm)		600 x 440 x 86.5
Net Weight (kgs)		26.2
Input Connection		IEC320 C20
Output Connection		IEC320 C13 x8, IEC320 C19 x1
External battery connections		Powerpole Modular Conenctor
		ENVIRONMENT
Humidity		20-95 % RH @ 0- 45°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter with Fan speed control
		MANAGEMENT
Smart RS-232		Supports Windows 98 SE/ME/NT 4.x/2000/2003/XP/ Vista/2008/7/8/10, Linux, MAC.
USB		
Optional external Slot (for SNMP, Dry contact, ...)		Power management from SNMP manager and web browser
		EXTERNAL BATTERY CAB
Battery Type		12V 9Ah VRSLA
Quantity		2 x 6 blocks
Dimension, D X W X H (mm)		720 x 440 x 86.5
Net Weight (kgs)		41.1

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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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