

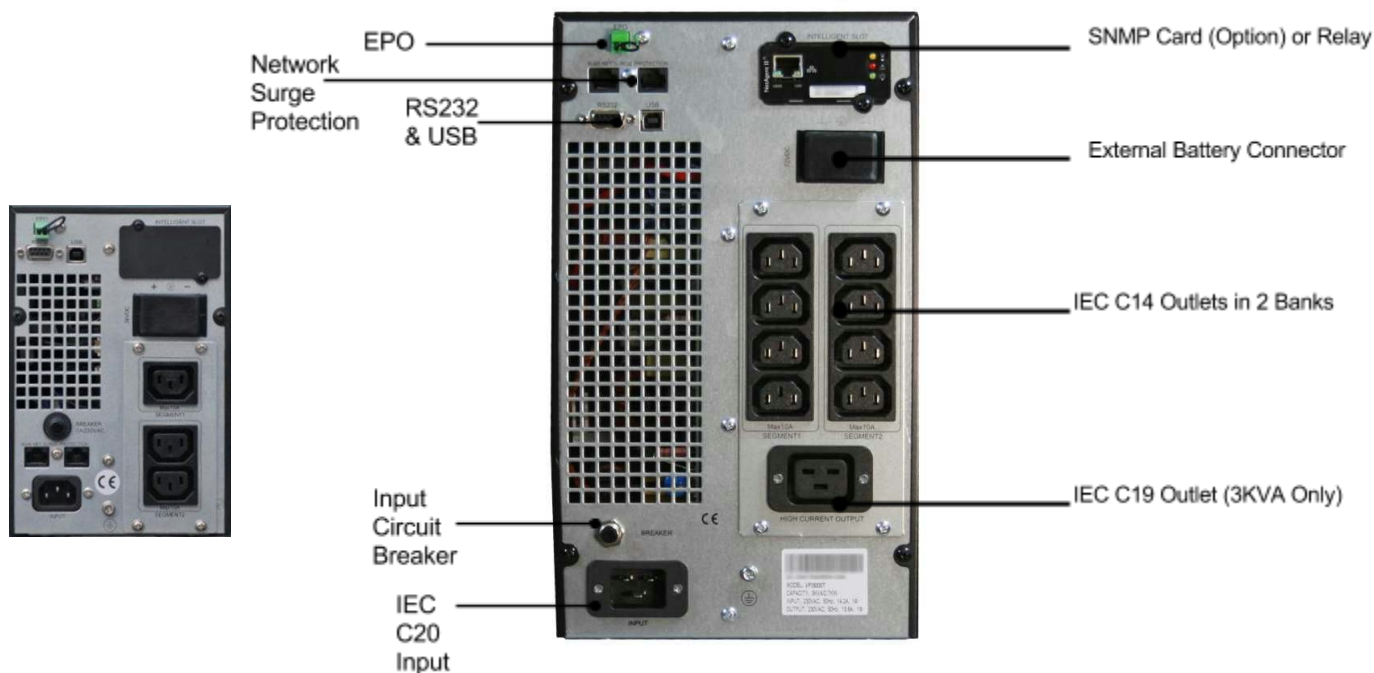
	SPECIFICATION SHEET		DOC#	SS-VFI-T
	VFI-T Series		REV	2

The VFI-T series is a range from 1-3KVA of high frequency online double conversion Uninterruptible Power Supplies (UPS) with high output power factor of 0.9, extended run capability, EPO, load shed and intelligent port.



FEATURES

- High Power Density
- 0.9 Output Power Factor
- Three stage Charger to increase battery life and optimise recharge time
- Selectable High Efficiency Mode of Operation
- Cold Start
- RS232 and USB Communications as standard. SNMP and Relay Cards Optional
- Power Shedding Function when on battery
- Extend Runtime with the addition of up to 4 matching battery modules
- Emergency Shut down control through Emergency Power Off (EPO) connection
- Versatile LCD display with setting function.



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MODEL	VFI1000T	VFI2000T	VFI3000T
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700
INPUT			
Nominal Voltage	220 / 230 / 240Vac		
Operating Voltage Range	200 - 290Vac (Full Load)		
Operating Frequency Range	50/60Hz±10%		
Power Factor	≥0.99		
Max Input Current	4.9A	9.5A	14.2A
OUTPUT			
Voltage	200/208/220/230/240Vac±1%		
Frequency	Synchronized with utility on AC mode. 50/60±0.1Hz on battery mode		
Crest Factor	3:1		
Harmonic Distortion (THDv)	<3% (Linear Load)		
Efficiency	>89%		
	>94% (ECO Mode)		
BATTERY			
DC Voltage	36Vdc	72Vdc	
Battery Type & Number	12V 9Ah x3	12V 9Ah x 6	
Typical Recharge	5 hours to 90%		
Charge Current	1.0A		
SYSTEM FEATURES			
Transfer Time	Zero - Mains to Battery; <4ms Mains to Bypass		
Overload Capacity	30sec to 150% then 300msec		
LCD Indication	Load/Battery/Input/Output/Operating Mode Information		
Audible alarm	Battery Mode: Every 4 seconds, Low Battery: Every Second, Twice a second: Overload, Continuous: Fault		
Communication Interface	RS232/ USB. Intelligent Port for Relay / SNMP		
ENVIRONMENTAL			
Operating Temperature	0-40°C		
Humidity Range	0-95% (non condensing)		
Altitude	<1500m		
Noise Level	<55dB		

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PHYSICAL			
Dimensions (WxDxH)	144x400x215 mm	191x468x337 mm	
Net Weight	13kg	24.6kg	25.5kg
STANDARDS			
Safety	EN62040-1 / EN60950-1		
EMC	IEC61000-4-5; IEC61000-4-6; IEC61000-4-8		

External Battery Packs

Up to 4 additional matching battery modules may be added to the VFI-T to extend runtime.

Model	BP1000T	BP2000T (Use 3000T)	BP3000T
Capacity	36Vdc 18Ah	72V 18Ah	
Battery Arrangement	2 strings of 3x12V 9Ah	2 strings of 6x12V 9Ah	
Battery Type	VRSLA		
Dimensions (WxDxH)	144x400x215 mm	199x466x337 mm	
Net Weight	~29kg	~40kg	
DC Fuse	250V 30A		
AC Input	230V 50Hz Nominal		

This specification does not form part of any contract and is provided for information only. Specifications are subject to change without notice.

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