VANGUARD 3KVA TOWER ONLINE UPS

PS80041

- True Online Double Conversion: Pure sinewave output for stable, clean power.
- High Power Factor (0.9) with PFC: Efficient power use and voltage stability.
- Hot-Swappable Battery (Optional) Easy battery replacement without downtime.
- Selectable Modes: High-efficiency and free-run modes for flexible use.
- Full Protection: Safeguards against overloads, surges, and short circuits.

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PS80041

UPS SPECIFICATIONS

Specifications

Capacity	3000VA / 2700W
Form	Tower
Phase	Single Phase
Energy Saving	Yes - ECO mode Efficiency > 94%
INPUT	
Voltage	208 / 220 / 230 / 240 Vac
Voltage Range	120 ~ 276 Vac < 25% Load 140 ~ 276 Vac < 50% Load 160 ~ 276 Vac < 75% Load 180 ~ 276 Vac < 100% Load
Frequency Range	50 / 60 Hz (Auto Sensing)
Power Factor	> 0.97
Cold Start	Yes
OUTPUT	
Rater Power Factor	0.9
Wavefrom	Pure Sine Wave
Voltage	208 / 220 / 230 / 240 Vac ± 2%
Frequency	50 / 60 Hz ± 0.25 Hz
Transfer Time	0 ms
Harmonic Distortion	≤ 2.5% THD at Linear Load
Crest Factor	3 : 1
EPO Function	Yes
PROTECTION	
Overload	Line Mode: 105% - 120% for 30 seconds 121% - 150% for 10 seconds Battery Mode: 101% - 109% for 10 seconds 110% - 120% for 3 seconds
Surge Protection	IEC 61000-4-5 Level 3
Bypass	Internal Bypass(Automatic and Manual)
Short Circuit Protection	UPS Output Cut Off Immediately
BATTERIES to SUIT	
Type	12V 7A
Qty	8
Typical Recharge Time	4 Hr tp 90%
External Battery Module / External Battery Connector	Option
MANAGEMENT	
Indicator	LCD Control Panel
Communication Port	RS232, USB(B-type)
SNMP Slot	Option
Audible Alarms	Yes

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Dimensions

Dimensions (mm)	225 (W) x 420 (D) x 358 (H)
Weight (kgs)	30Kg

Features

- Ergonomic design
- Australian output plugs
- Wide input voltage range
- Boost and buck AVR
- Compatible with generators
- Audible alarms function
- Full-time surge protection
- Automatic diagnostic on startup
- Cold start function
- Intelligent battery management
- Automatic restart when mains returns
- USB communication
- Supplied with intelligent monitoring and control software
- Protection against short circuit and low battery voltage

Specifications subject to change without notice.

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