

# TECHNICAL Data



Product: Vision Dual

Mounting: Tower or Rack

Topology: Line Interactive

Rating: 1100 – 3000 VA

MODEL:	VSD 1100	VSD 1500	VSD 2200	VSD 2200 ER	VSD 3000	VSD 3000 ER
<b>POWER</b>	1100VA/990W	1500VA/1350W	2200VA/1980W	2200VA/1760W	3000VA/270W	3000VA/2400W
<b>INPUT</b>						
Nominal voltage	220-230-240 Vac					
Voltage range without battery intervention	162 Vac < Vin < 290 Vac					
Maximum permitted voltage	300 V					
Nominal frequency	50 or 60 Hz ±5 Hz					
Frequency range	50 z ± 5% / 60 Hz ± 5%					
Power factor	> 0.98					
Current distortion	≤7%					
<b>OUTPUT</b>						
Voltage distortion with linear load / with non-linear load	<3% / < 8%					
Frequency	Selectable: 50Hz or 60 Hz or self-learning					
Waveform	Sinusoidal					
Current crest factor	2.5 : 1					
Efficiency ECO and Smart Active Modes	98.5%					
Overload Times	125% for 10 seconds, 150% for 1 second					
<b>BATTERIES</b>						
Type	VRLA					
<b>OTHER FEATURES</b>						
Net weight (kg)	16.5	17.5	28	15.5	31.5	16.5
Gross weight (kg)	20	21	33	20.5	36.5	21.5
Dimensions (WxDxH) (mm)	87 x 450 x 425 (2U x 19" x425)		87 x 450 x 625 (2U x 19" x 625)			
Protection against overvoltages	300 joules					
Protections	Overcurrent – short-circuit – overvoltage – undervoltage – temperature – excessive low battery					
Communications	USB / DB9 with RS232 and contacts / Slot for communications interface					
Input plugs	1 IEC 320 C14		1 IEC 320 C20			
Output sockets	8 IEC 320 C13		8 IEC 320 C13 + 1IEC 320 C19			
Standards	Safety: EN 62040-1 and Directive 2006/95/EL; EMC: EN 62040-2 category C2 and Directives 2004/108/EL					
Operating temperature	0 °C / +40 °C (Excludes Batteries)					
Relative humidity	<95% non-condensing					
Colour	Black					
Noise level at 1 m (ECO Mode)	<40 dBA					
Standard equipment provided	Power cable, serial cable, USB cable, safety manual, quick start guide, user manual on CD-ROM					

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Specification subject to change without notice.