

# PowerWAVE 6000

(60-500 kVA 500 kW)



# PowerWAVE 6000

General data	60 kW	80 kW	100 kW	120 kW	160 kW	200 kW	250 kW	300 kW	400 kW	500 kW
Output power max.	60 kW	80 kW	100 kW	120 kW	160 kW	200 kW	250 kW	300 kW	400 kW	500 kW
Output power factor	1.0									
Topology	True online double conversion									
Parallel configuration	Up to 10 units									
UPS type	Standalone									
Cable entry	Bottom front								Bottom front or top	
Inbuilt batteries	Optional									
<b>Input</b>										
Nominal input voltage	3 × 380 / 220 V + N, 3 × 400 / 230 V + N, 3 × 415 / 240 V + N									
Voltage tolerance (Ref. to 3 × 400 / 230 V)	For loads < 100 % (-23 %, +15 %), < 80 % (-30 %, +15 %), < 60 % (-40 %, +15 %)									
Input distortion THDi	≤ 3.5% at 100 %									
Frequency	35-70 Hz									
Power factor	0.99 at 100 % load									
<b>Output</b>										
Rated output voltage	3 × 380 / 220 V + N, 3 × 400 / 230 V + N, 3 × 415 / 240 V + N									
Voltage distortion	< 2 %									
Frequency	50 or 60 Hz									
Overload capability	10 min.: up to 125 % or 1 min.: up to 150 %									
Unbalanced load	100 % possible									
Crest factor	3 : 1									
<b>Efficiency</b>										
Overall efficiency	Up to 96 %									
In eco-mode configuration	98 %									
<b>Environment</b>										
Storage temperature	-25-70 °C									
Operating temperature	0-40 °C									
Altitude configuration	1000 m without derating									
<b>Battery</b>										
Battery type	Sealed, lead-acid, maintenance-free or NiCd									
<b>Communications</b>										
Graphical display	Optional								Yes	
<b>Standards</b>										
Safety	IEC / EN 62040-1									
Electromagnetic compatibility (EMC)	IEC / EN 62040-2									
Performance	IEC / EN 62040-3									
Product certification	CE									
Protection rating	IP 20									
Manufacturing	ISO 9001:2008, ISO 14001:2004									
<b>Weight/Dimensions</b>										
Weight (without batteries)	230 kg	240 kg	245 kg	280 kg	290 kg	310 kg	390 kg	410 kg	950 kg	1000 kg
Dimensions W × H × D (mm)	550 × 1820 × 750			850 × 1820 × 750			1100 × 1920 × 750		1650 × 1994 × 850	
Dimensions with battery enclosures W × H × D (mm)	970 (or 1180) × 1820 × 750			-			-		-	



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