Technical specifications

UPS VA	1000	2000	3000	5000	6000	8000	10000	15000	20000
Output									
Topology	Double-conversion online								
Nominal output voltage	Configurable for 220 : 230 or 240 nominal output voltage							Configurable for 220 : 230 : 240 : 400 V nominal output voltage	
Efficiency at full load	Up to 92%								
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable								
Output power capacity	700 W	1400 W	2100 W	3500 W	4200 W	6400 W	8000 W	12 kW	16 kW
Output connections	(6) IEC 320 C13		(8) IEC 320 C13; (2) IEC 320 C19			(1) Hardwire 3-wire (H + N + G); (4) IEC 320 C13; (4) IEC 320 C19		(1) Hardwire 3-wire (H + N + G); (1) Hardwire 5-wire (3PH + N + G); (8) IEC 320 C19	
Input									
Nominal input voltage	230 V					230 V or 400 V			
Input frequency	45 – 65 Hz (auto sensing)								
Input connections	British BS1363A; IEC 320 C20; Schuko CEE 7/EU1-16P			Hardwire 3-wire (1PH + N + G)		Hardwire 3-wire (1PH + N + G); Hardwire 5-wire (3PH + N + G)			
Bypass	Automatic and Manual (Built-in)								
Battery									
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte: leak proof								
Replacement battery	RBC31		RBC44						
Runtime	See Chart Below								
Communications and Management									
Interface port(s)	DB-9 RS-232, SmartSlot, USB		RJ-45 10/100 Base-T, RJ-45 Serial, SmartSlot						
Pre-installed SmartSlot card	–	–	–	AP9631					
Emergency power off (EPO)	No		Yes						
Control panel	LEDs							LCD Display	
Physical									
Rack height	2 U		3 U			6 U		12 U	
Maximum height	432 mm							533 mm	
Maximum width	85 mm		130 mm			263 mm		432 mm	
Maximum depth	483 mm		660 mm			736 mm		773 mm	
Net weight	25.00 kg		54.55 kg			110.91 kg		247.70 kg	

Runtime estimates at half and full load (minutes)

UPS VA	1000	2000	3000	5000	6000	8000	10000	15000	20000
Internal	32/14	17/6	34/14	18/6	16/5	20/7	15/5	22/8	15/5
(1) Battery pack	122/69	67/30	122/57	70/31	49/21	48/21	37/15	53/23	38/15
(2) Battery pack	257/129	121/56	217/102	125/58	88/40	76/35	60/26	84/38	60/27
(3) Battery pack	360/180	177/83	315/150	183/85	130/60	106/49	83/38	117/54	85/38
(4) Battery pack	480/240	234/110	416/199	242/113	172/80	136/63	107/49	150/69	104/50

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