POWERCOM HIGH FREQUENCY ONLINE UPS

VGD 1k-6k

		VGD1000	VGD2000	VGD3000	VGD6000
Capacity		1000VA / 700W	2000VA /1400W	3000VA / 2100W	6000VA /4200W
Input	Voltage	230V			
	Frequency	50Hz			
	Voltage / load	160-276 100% 140-159 70% 120-139 40%			
	Power / Factor	>0.98			
	Connection	IEC 320 with power cord			Terminal Block
Output					
	Voltage on battery	208/220/230/240V, -+2% (selectable output voltage)			
	Freq on battery	50Hz +-0.5%			
	Waveform	Pure sinewave			
	Power Factor lagging	0.7			
	Efficiency (AC to AC)	>95%			>97%
	UPS Design Technology	Online, fully digitized microprocessor controlled, IGBT technology			
	Harmonic Distortion	<3% of THD at linear load			
	Crest Ratio	3:1			
	Sockets	4 IEC	8 IEC		Terminal Block
Protection	Surge Protection	IEEEC61000-4-5 Level 3			
	O/p short cct	UPS output cutoff immediately			
	O/P overload shutdown	125% for 1min 150% for 10sec			
Transfer Time	Mains to inverter	0 ms			
Battery	DC bus	36V	72V		240V
	Internal battery	NIL			
	External battery	Connector & Cable for ext batt connection			
	Protection	Auto discharge protection, self test, cut off when batt low			
	Typical recharging time	6 hrs (to 90% full capacity), 6.2A fast charger, 11A optional			
	Cold start	Yes			
Indications	LED model	Power ON, line mode, bypass mode, battery mode, battery bad			NA
	LCD model	NA	NA	NA	15display & 14 adjust parameters, input voltage & freq, output voltage & freq, online, backup mode, load level..
Alarm	Battery backup	Slow beeping sound(about 0.2Hz)			
	Battery Low	Rapid beeping sound (about 1.8Hz)			
	Overload	Continious beeping sound			
Interface	10base T port	RJ11 & RJ45 compatible jacks			

	RS-232	Bi-directional communication port			
Shutdown Software	UPSMON	Included			
	SNMP	Optional			
Environment	Ambient operation	0-40deg C, 0-95% humidity non condensing, 3500 meter max.			
	Audible noise	<40dBA (1 metre from surface)			<55dBA
	Storage Condition	15,000 meter max. elevation			
Physical	Weight	10kgs	18kgs	20kgs	35kgs
	Dimension - WxDxH mm	152 x 420 x 237	225 x 420 x 360		257 x 590 x 570
Certification	Safety	CE			
	EMC (EMS /EMI)	IEC 61000-4, FCC part 15, CISPR 22			