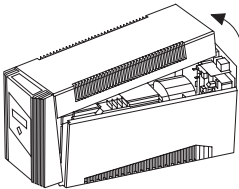


GR - GR S

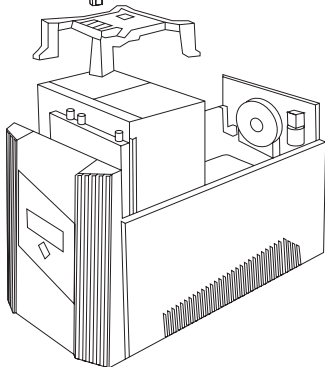
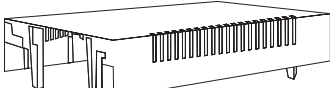
GR TECHNICAL DATA SHEET

MODEL			GR650 LED	GR1000 LED	GR1200 LCD	GR1600 LCD	GR2200 LCD
POWER	VA		650	1000	1200	1600	2200
	W		360	500	600	900	1200
INPUT	Rated voltage		160 – 290 Vac				
	Frequency		45 – 65 Hz				
OUTPUT	Rated voltage		220/230/240 Vac ± 10%				
	Frequency on battery power		50/60 Hz ±1 Hz				
	Waveform		Pseudo-sine wave				
	Output sockets		1 IEC 320-C13 + 1 Schuko		3 IEC 320-C13 + 2 Schuko		
GENERAL	Dimensions (WxDxH) mm		100x292x140		148x315x198		
	Weight (kg)		5	5.5	9	10.5	11.8
	Alarms		Audible and visual alarm alerts for: power failure, low battery, overload, and UPS fault				
	Protection		Overload, short circuit, deep discharge, overcharging				
	Plug-in battery charging feature		Standard for all models				
	Cold start from the battery without mains power		Standard for all models				
BATTERY	Number and battery type		12V VRLA, AGM (maintenance-free lead)				
			1 of 12V		2 of 12V		
	Uptime with internal battery (in minutes)*	50% load	4	4	12	9	7
		75% load	1	1	6	5	4
ENVIRONMENTAL PARAMETERS	Operating temperature**		0 – 40°C				
	Relative humidity		0% – 90% (without condensing)				
	Altitude (a.s.l.)		<1000 m with no power derating, >1000 m with 1% derating for every 100 m.				
	Audible noise at 1 m.		≤40 dB				
CONNECTIVITY	Communication ports		USB				
	User interface		LCD display showing: Operating mode (AC Mode/AVR Mode/Battery Mode), battery charge level, input and output voltage, percentage load, fault, or near end of battery life				
	Compatible software platforms		Microsoft Windows, Linux, Mac				
REGULATIONS	Standards		IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3				
	Marking		CE, UKCA				

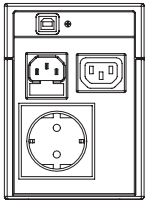
* Subject to conditions ** To be verified according to the battery parameters



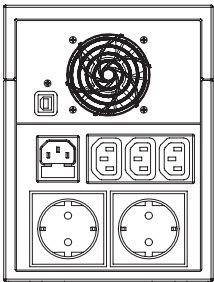
GR 650/1000



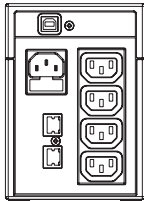
GR 1200/1600/2200



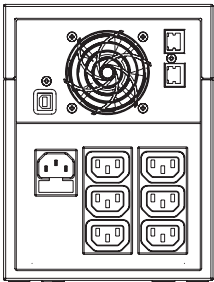
GR 650/1000



GR 1200/1600/2200



GR 650/1000 IEC



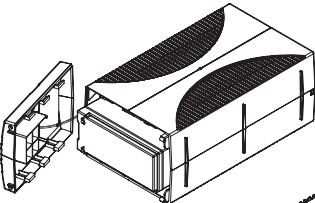
GR 1200/1600/2200 IEC

GR - GR S

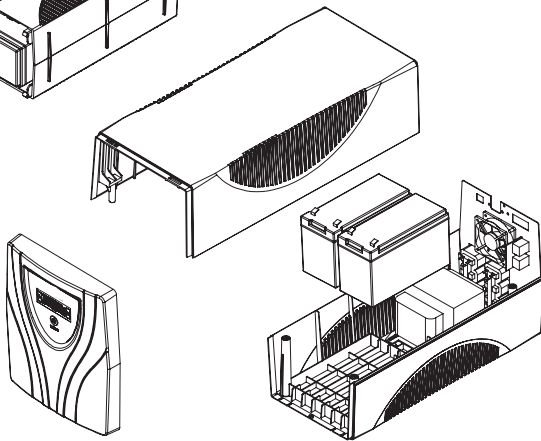
GR S TECHNICAL DATA SHEET

MODEL		GR 600S	GR 800S	GR 1000S	GR 1500S	GR 2000S
POWER	VA	600	800	1000	1500	2000
	W	420	560	700	1050	1400
INPUT	Rated voltage	160 – 290 Vac				
	Frequency	45 – 65 Hz				
OUTPUT	Rated voltage	220/230/240 Vac ± 10%				
	Frequency on battery power	50/60 Hz ± 1 Hz				
	Waveform	Sine wave				
	Output sockets	1 IEC 320-C13 + 1 Schuko		3 IEC 320-C13 + 2 Schuko		
GENERAL	Dimensions (WxDxH) mm	116x305x171		165x393x198		
	Weight (kg)	5.5	7.1	9.3	12.4	12.6
	Alarms	Audible and visual alarm alerts for: power failure, low battery, overload, and UPS fault.				
	Protection	Overload, short circuit, deep discharge, overcharging				
	Plug-in battery charging feature	Standard for all models				
	Cold start from the battery without mains power	Standard for all models				
BATTERY	Number and battery type		12V VRLA, AGM (maintenance-free lead)			
			1 of 12V		2 of 12V	
	Uptime with internal battery (in minutes)*	50% load	7	4	5	4
		internal	2	2	3	2
ENVIRONMENTAL PARAMETERS	Operating temperature**	0 – 40°C				
	Relative humidity	0% – 90% (without condensing)				
	Altitude (a.s.l.)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m.				
	Audible noise at 1 m.	≤40 dB				
CONNECTIVITY	Communication ports	USB				
	User interface	LCD display showing: Operating mode (AC Mode/AVR Mode/Battery Mode), battery charge level, input and output voltage, percentage load, fault, or near end of battery life				
	Compatible software platforms	Microsoft Windows, Linux, Mac OS				
REGULATIONS	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3				
	Marking	CE, UKCA				

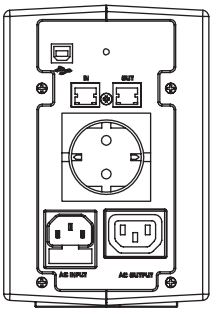
* Subject to conditions ** To be verified according to the battery parameters



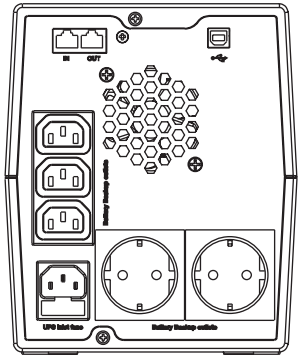
GR 600 - 800 S



GR 1000 - 2000 S



GR 600 - 800 S



GR 1000 - 2000 S