



Sugra 2200

The power to control

Specifications

Capacity	2200 VA / 1320 W
Type	Line-interactive
Input	
Nominal Voltage	230 VAC
Accepted Voltage Range	165 – 290 VAC
Frequency Range	50Hz ~ 60 Hz (Auto sensing)
Output	
Nominal Voltage	230 VAC
AC Voltage Regulation (Batt. Mode)	±10%
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 1 Hz
Power Factor	≥ 0.6 @ nominal voltage (100% load)
Waveform (Batt. Mode)	Pure sine wave
Transfer Time	Typical 4 ms
Overload Protection	Inner firmware protection
AVR	
Type	1 Boost / 1 Buck
Indicators type	
LCD Display	Load level, Battery level, AC mode, Battery mode and Fault indicators
Alarm	Load Capacity, Load & Battery level, AC mode, Battery mode and Fault indicators, etc.
Protection	
Outlets type	4 x IEC C13 Battery Backup & Surge Protection, 2 x RJ11/45(IN/OUT) for modem/phone/LAN surge protection
Full protection	Overload, deep discharge, Overcharge, Over-Voltage, High Temperature, Input spike protection
Environement	
Humidity	0-90 % (non-condensing)
Temperature	0-40°C
Noise level	Less than 50dB



4 x IEC C13 outlets with protection



LCD Display



Pure sine wave output

- Pure sine wave output
- Line-interactive
- Auto restart while AC is recovering
- Auto-Charge
- Boost and buck AVR for voltage stabilization
- Software management
- Off-Mode Charging
- Cold start function
- Emergency power off function (EPO)
- Generator Compatible
- Smart SNMP card supported
- Rack design

Battery

Battery Type & Number	2 x GP09122L PN: BTVACHUECTD2LCG01B
Typical Recharge Time	4 hours up to 90% capacity
Running time on battery (minutes)	25% Load - 17 min 50% Load - 7.5 min 75% Load - 3.5 min 100% Load - <2 min
Management	
Connection port	RS232, HID USB. Intelligent Port (not included in the package)
Software	http://www.powermonitor.software/
Software capability	Monitor & Control over USB, LAN and Internet (SNMP card optional)

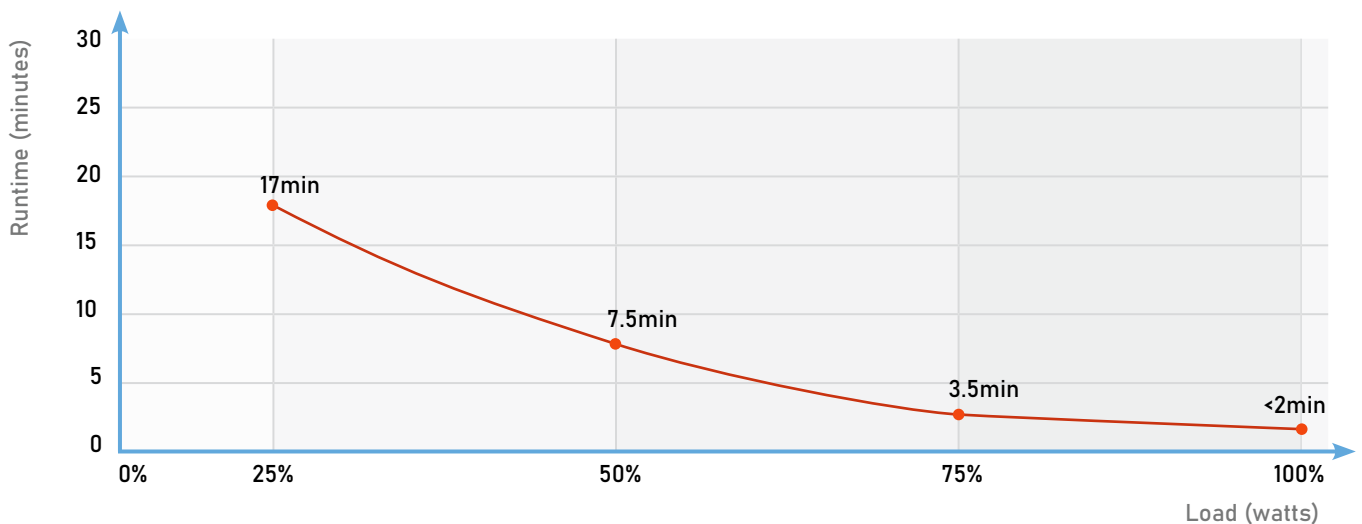


Physical

Product dimensions	400 x 438 x 88 mm - 2U
Product weight	16.5 kg
Retail Pack Dimensions	542 x 560 x 218 mm
Retail Pack Weight	18.85 kg



Running time on battery



Logistics

Carton Box Size (LxWxH)	542 x 560 x 218 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	N.W.: 16.7 kg / G.W.: 18.85 kg



Certificates

RoHS
2011/65/EU





Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Range		VA Power		Typology	
AR	Aria	12H	1200 VA	TO	Tower
ED	Edoc	22H	2200 VA	BR	Brick
NE	Neek	30H	3000 VA	1U	Rack (1U)
NK	Nekot			2U	Rack (2U)
NT	Neta			3U	Rack (3U)
NU	Nurag			CO	Rack (2U) / Convertible
OH	OhcePRO				
RD	Redlab				
RS	Resta				
RG	Regnar				
SU	Suroh				
UD	Udac				
▲		▲		▲	
SU	SP	22H	13H	CO	PW
	▼		▼		▼
Single Phase	SP	720 w	7H	Pure Sine Wave	PW
3 Phase In - 3 Phase Out	33	1320 w	13H	Simulated Sine Wave	SW
3 Phase In - 1 Phase Out	31	1800 w	18H		
Phase		W Power		Output waveform	

Example Part Number	
Description	Part Number
Sugra 2200 Single Phase Rack (2U) / Convertible Pure Sine Wave UPS unit	SUSP22H13HCOPW

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