



Retsa 3K

The enduring guardian

Specifications

Capacity	3000 VA/2700 W
Type	On-line
Input	
Nominal Voltage	208/220/230/240 VAC
Accepted Voltage Range	80-300 VAC
Nominal Frequency	50 Hz/60 Hz (Auto Sensing)
Frequency Range	40-70 Hz
Phase	Single phase with ground
Output	
Nominal Voltage	208/220/230/240 VAC - user selectable
AC Voltage Regulation (Batt. Mode)	±1%
Nominal Frequency	50 Hz/60 Hz
Frequency Range (Batt. Mode)	50 Hz / 60 Hz ± 0.5%
Waveform (Batt. Mode)	Pure sine wave
THDv	≤5%@non-linear load
Current Crest Ratio	3:1
Transfer Time	Zero
Efficiency	
Inverter Mode	≥ 91 % at full charged battery
To Battery Mode	≥ 88 % at full charged battery
ECO Mode	≥ 97 % at full charged battery
Indicators type	
Color LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
Alarm	Load Capacity, Load & Battery level, AC mode, Battery mode, Bypass mode and Fault indicators etc.
Environement	
Humidity	0-90 % (non-condensing)
Temperature	0-40°C
Noise level	Less than 45dB



True double
conversion



Pure Sine
Wave

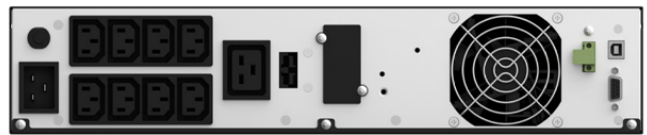


Rack/Tower
design

- On-line
- HID USB communication
- Auto Restart
- Auto Recharge
- Cold start
- Internal bypass
- High efficiency up to 97%
- EPO function
- Multifunctional color LCD
- Output Power Factor 0.9
- Generator compatible
- ECO Mode for energy saving
- Software management
- Rack/Tower design
- Easy Battery Replacement
- External battery pack (optional)

Protection

Overload protection	Line Mode	105~110%, Overload warning only (No shutdown) 110~120%, Warning, transfer to bypass after 60s >120%, Transfer to bypass immediately
	Battery Mode	105~110%, Overload warning only (No shutdown) 110~120%, Warning, shutdown after 10s >120%, Shutdown immediately
	Bypass Mode	105~130%, Warning only (No shutdown) >130%, Shutdown immediately
Other protections		Discharge, Overcharge, Input spike
Outlets type		
Input		1 x IEC-320 C20
Output		8 x IEC-320 C13 + 1 x IEC-320 C19
Battery		
Battery Type & Number		6 X GP09122L PN: BTVACGUEBT12LCG01B
Typical Recharge Time		4 hours up to 90% capacity
Running time on battery (minutes)		25% Load - 25min 2sec 50% Load - 11min 1sec 75% Load - 5min 20sec 100% Load - 3min 20sec

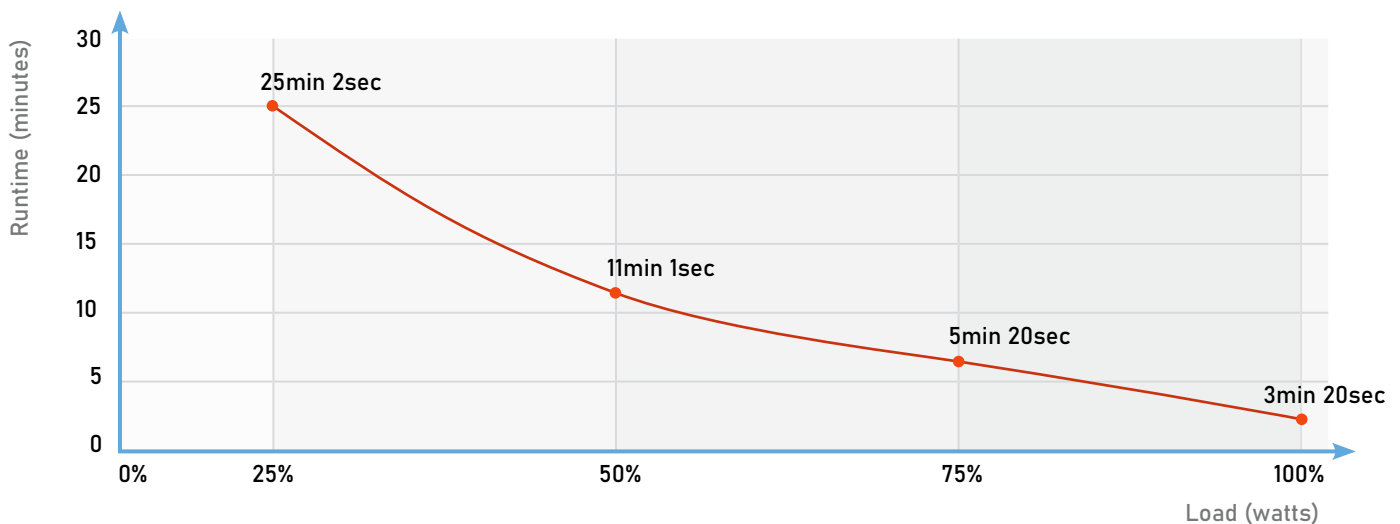


Management

Connection ports	HID USB / RS232 / EPO / SNMP EBM (optional)
Software (online download)	http://www.powermonitor.software/
Physical	
Product dimensions	438 x 610 x 88 mm
Product weight	26 kg



Running time on battery



Logistics

Carton Box Size (LxWxH)	746 x 550 x 231 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	N.W.: 26 kg / G.W.: 27.34 kg



Certificates

RoHS 2011/65/EU CE





Ordering Information

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

Range		VA Power		Typology	
AR	Aria	10H	1000 VA	TO	Tower
ED	Edoc	20H	2000 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				
▲		▲		▲	
RS	SP	30H	27H	CO	PW
	▼		▼		▼
Single Phase	SP	900 w	9H	Pure Sine Wave	PW
3 Phase In - 3 Phase Out	33	1800 w	18H	Simulated Sine Wave	SW
3 Phase In - 1 Phase Out	31	2700 w	27H		
Phase		W Power		Output waveform	

Example Part Number	
Description	Part Number
Retsa 3K Single Phase Rack (2U) / Convertible Pure Sine Wave UPS unit	RSSP30H27HCOPW

Retsa 3K

