



Retos 600

Save energy for important things

Specifications

Capacity	600 VA / 360 W
Type	Line-Interactive
Input	
Nominal Voltage	230 VAC
Accepted Voltage Range	170-280 VAC
Frequency Range	50Hz ~ 60Hz (Auto Sensing)
Output	
Nominal Voltage	230 VAC
AC Voltage Regulation (Batt. Mode)	± 10%
Frequency Range (Batt. Mode)	50 Hz ~ 60Hz ± 1 Hz
Waveform (Batt. Mode)	Simulated Sinewave
Transfer Time	Typical 2-6 ms
AVR	
Type	1 Boost / 1 Buck
Indicators type & Alarm	
AC Mode	Orange lighting
Battery Mode	Orange flashing and sounding every 10 seconds
Low Battery	Orange flashing and sounding every second
Overload	Orange lighting and sounding every 0.5 seconds
Protection	
Outlets type	4 x Schuko Battery Backup 1 x USB for management
Full protection	Overload, Overcharge, Over voltage, High temperature



4 Schuko
Outlets with
Protection



Auto-Restart



Automatic Voltage
Regulation

- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sinewave
- Off-mode charging
- Cold start function
- Compact size with local receptacles for easy use
- Simple and easy installation & operation
- Software management

Environnement

Humidity	0-90 % (non-condensing)
Temperature	0-40°C
Noise level	Less than 40dB

Battery

Battery Type & Number	1x GP05122F PN: BTVACEU0ATE2FAZ01B
Typical Recharge Time	4-6 hours recover to 90% capacity
Running time on battery (minutes)	25% Load - 10 min 50% Load - 4 min 75% Load - <2 min 100% Load - <1 min

Management

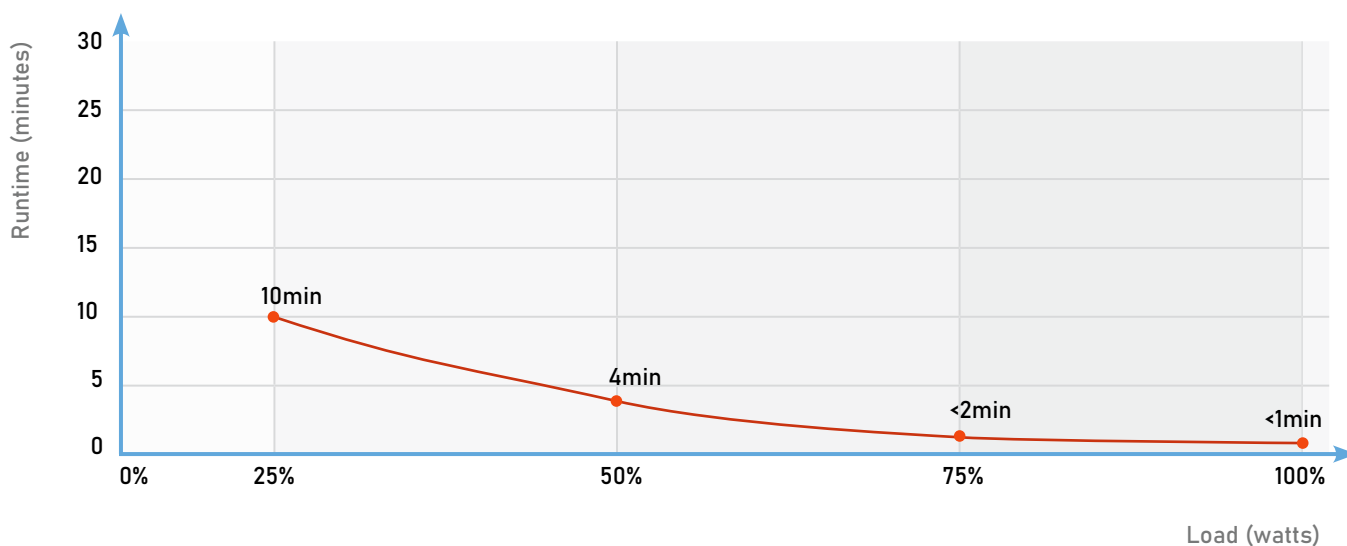
Connection port	USB
Software	https://www.power-software-download.com/viewpower.html
Software capability	Monitor & Control over USB

Physical

Product dimensions	245 x 163 x 90 mm
Product weight	4 kg
Retail pack dimensions	311 x 138 x 236 mm
Retail pack weight	4.3 kg



Running time on battery



Logistics

Carton Box Size (LxHxW)	580 x 324 x 257 mm
Pieces in the Carton Box	4 pcs / ctn
Net & Gross weight / CTN	N.W. / G.W.: 17.2 kg / 18.3 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	6H	600 VA	TO	Tower
ED	Edoc	8H	800 VA	BR	Brick
NE	Neek			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				
RT	Retos				
RG	Regnar				
SU	Suroh				
UD	Udac				
▲		▲		▲	
RT	SP	6H	3H	BR	SW
Single Phase	▼		▼		▼
3 Phase In - 3 Phase Out	SP	360 w	3H	Pure Sine Wave	PW
3 Phase In - 1 Phase Out	33	480 w	4H	Simulated Sine Wave	SW
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Phase		W Power		Output waveform	

Example Part Number	
Description	Part Number
Retos 600 Single Phase Brick Simulated Sine Wave UPS unit	RTSP6H3HBRSW

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