



## Udac 1000

Intelligent power provider

### Specifications

|                                 |                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Capacity</b>                 | 1000 VA / 600 W                                                                                                  |
| <b>Type</b>                     | Line-Interactive                                                                                                 |
| <b>Input</b>                    |                                                                                                                  |
| Nominal Voltage                 | 230 VAC                                                                                                          |
| Accepted Voltage Range          | 176 – 280 VAC                                                                                                    |
| Frequency Range                 | 50Hz / 60Hz (Auto Sensing)                                                                                       |
| Input surge protection          | 475 Joules                                                                                                       |
| <b>Output</b>                   |                                                                                                                  |
| Nominal Voltage                 | 230 VAC                                                                                                          |
| Accepted Voltage range          | 230 VAC, +/- 10%<br>(3% tolerance accepted)                                                                      |
| Frequency Range<br>(Batt. Mode) | 50 Hz / 60Hz ± 1%                                                                                                |
| Power Factor                    | 0.6 @ nominal voltage<br>(100% load)                                                                             |
| Waveform (Batt. Mode)           | Simulated Sinewave                                                                                               |
| Transfer Time                   | 2-6 ms typical                                                                                                   |
| <b>Indicators type</b>          |                                                                                                                  |
| LCD                             | Standby mode, AC mode<br>Overload mode, Battery mode<br>Self-Test mode<br>Battery replacement mode<br>Fault Mode |
| Alarm                           | Battery mode, Overload mode,<br>Battery replacement, Fault mode                                                  |
| <b>Protection</b>               |                                                                                                                  |
| Outlets type                    | 4 x Schuko Battery Backup<br>RJ11/RJ45 Phone and network<br>protection with 1Gb/s                                |
| Full protection                 | Over/Under voltage protection,<br>discharge and overcharge<br>protection, surge protection                       |
| <b>Environement</b>             |                                                                                                                  |
| Noise level                     | Less than 40dB                                                                                                   |
| Humidity                        | 0-90 % (non-condensing)                                                                                          |



HID USB  
port



1Gb/s LAN  
protection



Extended  
back-up  
time

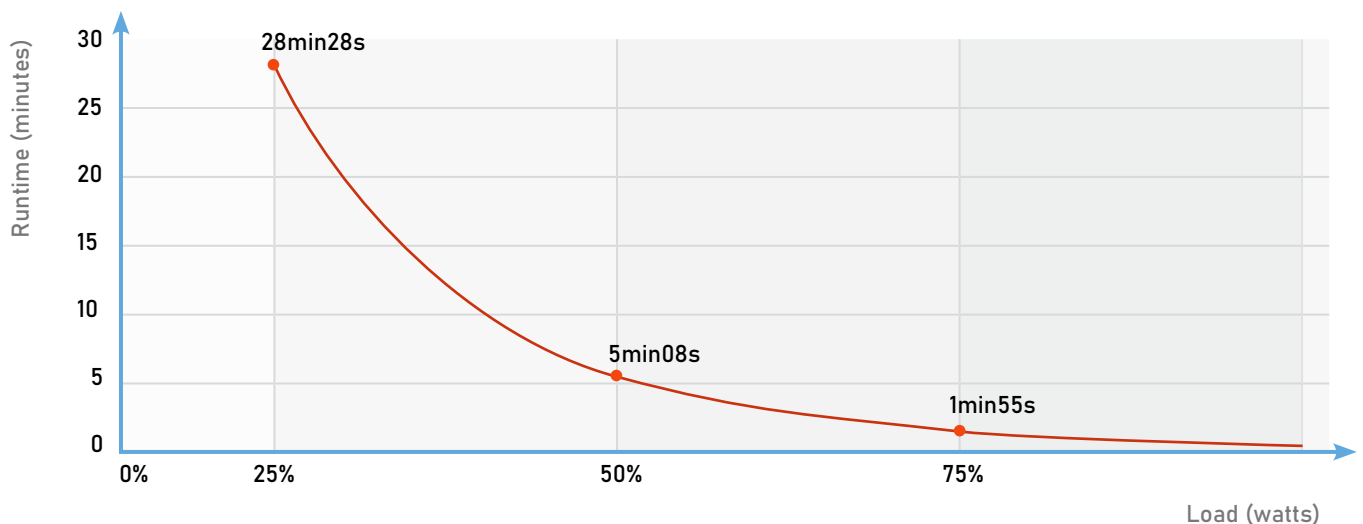
- 1Gb/s LAN surge protection
- HID USB communication port
- Auto-Restart while AC is recovering
- Battery Replacement Alarm
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Off-Mode Charging
- Cold start function
- LCD light dimming at 20%

## Battery

|                                   |                                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Battery Type & Number             | 2 x GP07122F<br>(PN: BTVACGU0BTA2FAZ01B)                                                                                    |
| Typical Recharge Time             | 3 hours<br>(4 hours for fully depleted batteries)                                                                           |
| Running time on battery (minutes) | 25% Load - 28min28s<br>50% Load - 5min08s<br>75% Load - 1min55s*                                                            |
| <b>Management</b>                 |                                                                                                                             |
| Communication port                | HID USB                                                                                                                     |
| Software                          | <a href="https://www.power-software-download.com/viewpower.html">https://www.power-software-download.com/viewpower.html</a> |
| <b>Physical</b>                   |                                                                                                                             |
| Product dimensions                | 345 x 146 x 160 mm                                                                                                          |
| Product weight                    | 8 kg                                                                                                                        |
| Retail pack dimensions            | 450 x 200 x 264 mm                                                                                                          |
| Retail pack Weight                | 9 kg                                                                                                                        |



## Running time on battery



## Logistics

|                          |                     |
|--------------------------|---------------------|
| Carton Box Size (LxWxH)  | 450 x 200 x 264 mm  |
| Pieces in the Carton Box | 1                   |
| Net & Gross weight / CTN | NW: 8 kg / GW: 9 kg |



## Certificates

**RoHS**  
2011/65/EU



\* for a decent backup time we recommend to load the ups up to 75% of its maximum capacity



<http://www.briticom.net>



## Ordering Information

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

| Range                                                                |           | VA Power                                   |                                                                | Typology                              |                         |
|----------------------------------------------------------------------|-----------|--------------------------------------------|----------------------------------------------------------------|---------------------------------------|-------------------------|
| <b>AR</b>                                                            | Aria      | <b>6H</b>                                  | 600 VA                                                         | <b>TO</b>                             | Tower                   |
| <b>ED</b>                                                            | Edoc      | <b>8H</b>                                  | 800 VA                                                         | <b>BR</b>                             | Brick                   |
| <b>NE</b>                                                            | Neek      | <b>10H</b>                                 | 1000 VA                                                        | <b>1U</b>                             | Rack (1U)               |
| <b>NK</b>                                                            | Nekot     | <b>15H</b>                                 | 1500 VA                                                        | <b>2U</b>                             | Rack (2U)               |
| <b>NO</b>                                                            | Notner    | <b>20H</b>                                 | 2000 VA                                                        | <b>3U</b>                             | Rack (3U)               |
| <b>NT</b>                                                            | Neta      |                                            |                                                                | <b>C3</b>                             | Rack (3U) / Convertible |
| <b>NU</b>                                                            | Nurag     |                                            |                                                                |                                       |                         |
| <b>OH</b>                                                            | OhcePRO   |                                            |                                                                |                                       |                         |
| <b>RD</b>                                                            | Redlab    |                                            |                                                                |                                       |                         |
| <b>RS</b>                                                            | Resta     |                                            |                                                                |                                       |                         |
| <b>RT</b>                                                            | Retos     |                                            |                                                                |                                       |                         |
| <b>RG</b>                                                            | Regnar    |                                            |                                                                |                                       |                         |
| <b>SU</b>                                                            | Suroh     |                                            |                                                                |                                       |                         |
| <b>UD</b>                                                            | Udac      |                                            |                                                                |                                       |                         |
| ▲                                                                    |           | ▲                                          |                                                                | ▲                                     |                         |
| <b>UD</b>                                                            | <b>SP</b> | <b>10H</b>                                 | <b>6H</b>                                                      | <b>TO</b>                             | <b>SW</b>               |
| ▼                                                                    |           | ▼                                          |                                                                | ▼                                     |                         |
| Single Phase<br>3 Phase In - 3 Phase Out<br>3 Phase In - 1 Phase Out |           | 360 w<br>480 w<br>600 w<br>900 w<br>1200 w | <b>3H</b><br><b>4H</b><br><b>6H</b><br><b>9H</b><br><b>12H</b> | Pure Sine Wave<br>Simulated Sine Wave | <b>PW</b><br><b>SW</b>  |
| Phase                                                                |           | W Power                                    |                                                                | Output waveform                       |                         |

| Example Part Number                                       |               |
|-----------------------------------------------------------|---------------|
| Description                                               | Part Number   |
| Udac 1000 Single Phase Tower Simulated Sine Wave UPS unit | UDSP10H6HTOSW |

# Udac 1000