



Datenblatt - Fiche technique - Data sheet

**19.99.3428**



VALUE UPS 800 - Line Interaktive USV mit USB Port

VALUE UPS 800, USB Port

VALUE UPS, 800VA, USB Port

# ENGINEERING SPECIFICATION

| ITEM                       | SPECIFICATION               | COMMENTS                            |
|----------------------------|-----------------------------|-------------------------------------|
| Model                      | 19.99.3428                  |                                     |
| <b>CAPACITY</b>            |                             |                                     |
| Power in VA                | 800VA                       |                                     |
| Power in watts             | 480W                        |                                     |
| <b>INPUT</b>               |                             |                                     |
| Phase                      | 1                           | Input Sine wave 50/60Hz<br>THD < 3% |
| Rated voltage              | 230V                        |                                     |
| Voltage fluctuation        | 75%±5%~125%±5%              |                                     |
| Rated frequency            | 50/60Hz                     |                                     |
| Line high voltage to INV   | 125%±5%                     |                                     |
| Line high voltage recovery | 121%±5%                     |                                     |
| AVR Buck                   | 109%±5%                     |                                     |
| AVR Buck recovery          | 106%±5%                     |                                     |
| AVR boost recovery         | 94%±5%                      |                                     |
| AVR boost                  | 91%±5%                      |                                     |
| Line low voltage recovery  | 79%±5%                      |                                     |
| Line low voltage to INV    | 75%±5%                      |                                     |
| <b>OUTPUT-LINE MODE</b>    |                             |                                     |
| Power factor               | 0.6                         |                                     |
| Wave form                  | Sine wave                   |                                     |
| Frequency                  | According to input          |                                     |
| Overload capacity          | 110%±10%                    | Under rated voltage                 |
| Short circuit protection   | Fuse open or auto shut down |                                     |
| <b>OUTPUT-BACKUP MODE</b>  |                             |                                     |
| Voltage regulation         | ±5%                         |                                     |
| Wave form                  | Step wave                   |                                     |
| Frequency                  | 50/60Hz ±1%                 |                                     |
| Overload capacity          | 110%±10%                    |                                     |
| Short circuit protection   | Auto shut down              |                                     |

| ITEM                             | SPECIFICATION  | COMMENTS |
|----------------------------------|--|----------|
| <b>BATTERY</b>                   |  |          |
| Rated voltage                    | 12 Vdc   |          |
| Charging voltage                 | 13.65V±3%  |          |
| Battery low                      | 11.5V ± 1V   |          |
| Battery low shut down            | 11V ± 1V   |          |
| Charging current                 | 0.2~0.4A   |          |
| <b>TRANSFER</b>                  |  |          |
| transfer time<br>(Line to INV)   | < 10m sec  |          |
| transfer time<br>(INV to Line)   | < 10msec   |          |
| <b>CONTROL DISPLAY AND ALARM</b> |  |          |
| Main switch                      | Turn on/off UPS<br>Test : line mode<br>Silence : backup mode                     |          |
| LED-green                        | Continuous : line mode<br>Flash : backup mode                                    |          |
| Buzzer                           | Slow(0.47Hz): backup mode<br>Rapid(1.82Hz): battery low<br>Continuous : overload |          |

| ITEM                           | SPECIFICATION                   | COMMENTS              |
|--------------------------------|---------------------------------|-----------------------|
| <b>COMMONICATION INTERFACE</b> |                                 |                       |
| USB 2.0                        |                                 |                       |
| <b>SAFETY</b>                  |                                 |                       |
| AC leakage current             | 5mA                             | Rated voltage         |
| High pot                       | AC 1.5KV(10mA,60sec)            | Expect surge absorber |
| Insulation resistor            | >100M $\Omega$ ( DC 500V,60sec) | Expect surge absorber |
| Grounding resistor             | < 0.1 $\Omega$ (25A,60sec)      | Expect surge absorber |
|                                |                                 |                       |
| <b>ENVIRONMENT</b>             |                                 |                       |
| Operation temperature          | 0~40 $^{\circ}$ C               |                       |
| Storage temperature            | -20~60 $^{\circ}$ C             |                       |
| Operation relative Humidity    | 0-95%                           |                       |
| Ambient height                 | 3500 meters max.                |                       |
| Storage height                 | 15000 meters max.               |                       |
| Audible noise                  | < 40dB                          | 1 meter from surface  |