



# UPS Series

## UPS123607 Datasheet

12V Top Terminal VRLA-AGM

### Specifications

|  |  |
|--|--|
| Voltage (Vdc)                              | 12   |
| Watts Per Cell<br>(30-Sec 1.67 VPC @ 25°C) | --   |
| Watts Per Cell<br>(5-Min 1.67 VPC @ 25°)   | 58.67  |
| Watts Per Cell<br>(15-Min 1.67 VPC @ 25°)  | 28.17  |
| Max Charge Current (A)                     | 3.00   |
| Max Discharge Current (A)                  | 130 (5sec) *   |
| Short Circuit Current (A)                  | 325  |
| Internal Resistance                        | Approx. 20.90 mΩ   |
| Terminal Type                              | F2 terminal - Faston Tab 250 *   |
| Terminal Torque                            | --   |
| Container Material                         | ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request  |
| Weight (kg. / lb., Approx.)                | 2.00 / 4.41  |
| Length (L) (mm / in)                       | 150.9±2.0 / 5.94±0.08  |
| Width (W) (mm / in)                        | 64.8±1.0 / 2.55±0.04   |
| Height (H) (mm / in)                       | 98.6±1.0 / 3.88±0.04   |
| Design Life                                | Up to 5 Years in Standby Service at 25°C. Eurobat (20°C): 3-5 Years Standard Commercial  |
| Operating Temperature                      | Nominal: 25°C (77°F)<br>Discharge: -15°C - 50°C (5°F-122°F)<br>Charge/Storage: -15°C - 40°C (5°F - 104°F)  |
| Float Charging Voltage                     | 13.5 - 13.8 Vdc/battery<br>25°C (77°F)   |
| Eq. Charging Voltage                       | 14.4 - 15.0 Vdc/battery<br>25°C (77°F)   |
| Self-Discharge                             | Less than 10% after 90 days, can be stored up to 6 months and 10 months with equalization charge* at 25C (77F); Full recharging is required before usage, and charged sooner if stored at higher temperature than 25C (77F). |



Valve Regulated Lead Acid (VRLA) Battery

Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%

Pure Lead Construction and Proprietary Elements

Designed for High-Rate UPS, Float Service Standby Power Applications

Built in Accordance with IEC 61056-1/2:2012, UL1973 Listed (MH66728) and UL1989 Recognized (MH14533)

Certified by TUV NORD according to ISO 9001:2015





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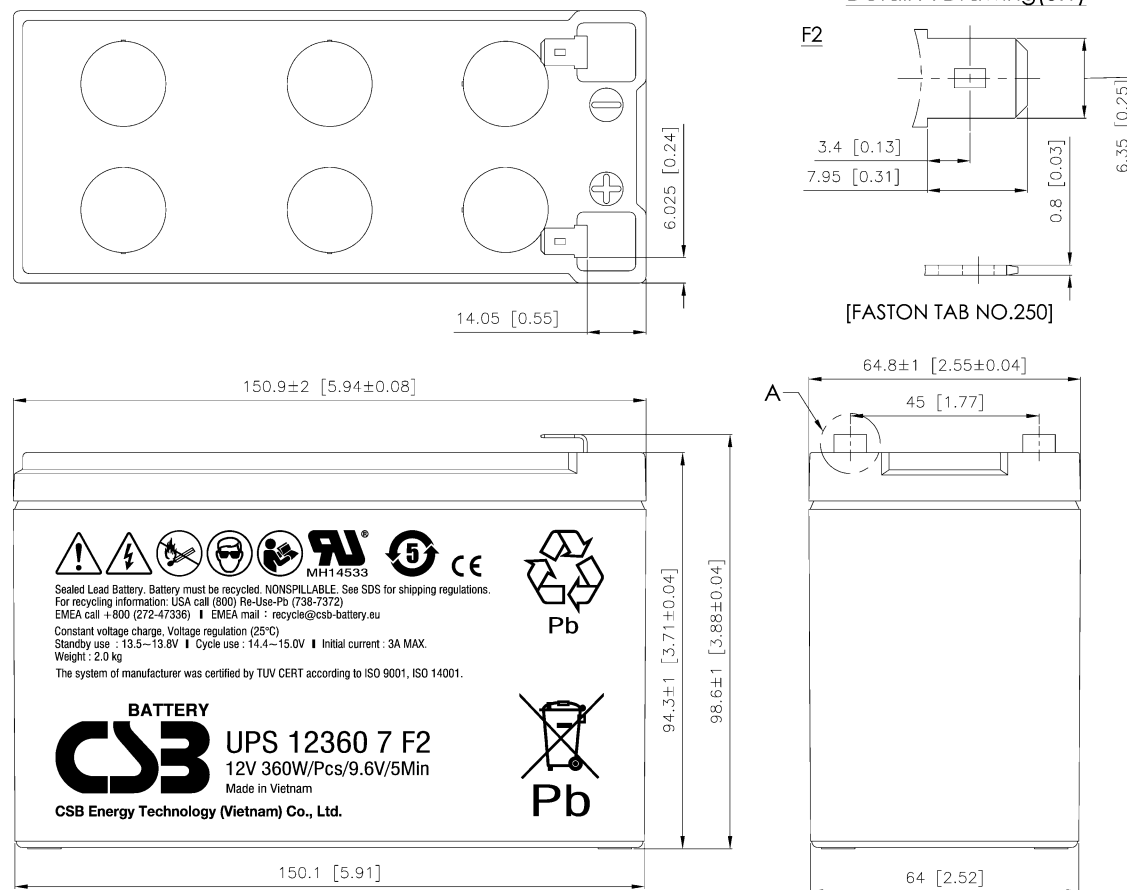
### Constant Current Discharge Characteristics Per Battery: Amperes (25°C, 77°F)

| F.V/Time          | 2MIN | 4MIN | 5MIN | 6MIN | 8MIN | 10MIN | 15MIN | 20MIN | 30MIN | 45MIN | 60MIN | 90MIN |
|-------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 10.02V (1.67 VPC) | 55.7 | 39.2 | 34.0 | 29.7 | 24.0 | 20.2  | 14.8  | 11.8  | 8.66  | 6.29  | 5.02  | 3.60  |
| 10.50V (1.75 VPC) | 47.1 | 35.0 | 30.7 | 27.2 | 22.4 | 19.1  | 14.3  | 11.5  | 8.50  | 6.20  | 4.95  | 3.56  |
| 10.80V (1.80 VPC) | 42.0 | 31.5 | 27.9 | 24.8 | 20.7 | 17.9  | 13.6  | 11.1  | 8.30  | 6.07  | 4.86  | 3.51  |

### Constant Power Discharge Characteristics Per Battery: Watts (25°C, 77°F)

| F.V/Time          | 2MIN | 4MIN | 5MIN | 6MIN | 8MIN | 10MIN | 15MIN | 20MIN | 30MIN | 45MIN | 60MIN | 90MIN |
|-------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 10.02V (1.67 VPC) | 522  | 390  | 352  | 315  | 263  | 225   | 169   | 136   | 100   | 72.9  | 58.4  | 42.5  |
| 10.50V (1.75 VPC) | 462  | 365  | 326  | 295  | 249  | 214   | 164   | 132   | 96.8  | 71.6  | 57.8  | 41.9  |
| 10.80V (1.80 VPC) | 428  | 339  | 301  | 274  | 232  | 203   | 156   | 128   | 95.2  | 70.0  | 56.3  | 41.4  |

Detail A Drawing(3:1)



\* F1 terminal is available, Max Discharge Current = 100 A (5sec)