

FEATURES

- The sulfuric acid is mixed with silica fume, which makes the resulting mass gel-like and immobile.
- Increased durability and deep cycle ability for heavy demand.
- High temperature stability, mechanical strength and low acid displacement.
- Superior performance with deep discharges.
- Patented safety valve to have accurate pressure operating for long battery life.

APPLICATION

- UPS
- Security
- Telecommunication
- Electronic Medical Equipment
- Emergency Lighting



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	41 Ah @ 20 hour rate F.V.(1.75V/cell) 38 Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	16.1Kg(52.91lbs.)
Terminals	I2
Internal Resistance	≤8mΩ (Fully Charged)
Max. Discharge Current	640 A (5 sec.)
Max. Charge Current	8.2 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: ABS(UL 94-HB) GB 12/41 Optional: Flame Retardant ABS(UL 94-V0) GB 12/41FR



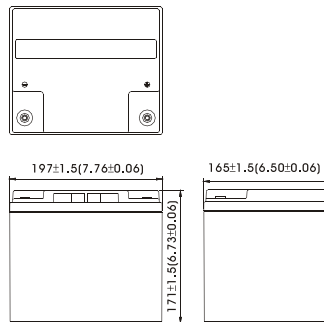
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

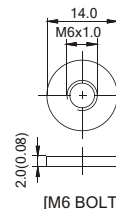
OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
197±1.5 (7.76±0.06)
- **Width**
165±1.5 (6.50±0.06)
- **Container Height**
171±1.5 (6.73±0.06)
- **Total Height**
171±1.5 (6.73±0.06)



- Terminal I2



Terminal Hardware Initial Torque: I2(5.5Nm±5%)

Constant power discharge characteristics at 25 °C/77 °F Unit: W

Discharge Time F.V. (V/cell)	30 Min	1 Hr	3 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.80V	491	274	119.7	88.04	55.55	46.9	24.73
1.75V	509	284	122.0	89.46	56.38	47.4	25.05
1.70V	522	289	123.4	90.25	56.83	47.6	25.19
1.65V	529	291	124.3	90.30	57.00	47.8	25.22
1.60V	535	292	124.9	90.35	57.06	47.8	25.22

Constant current discharge characteristics at 25 °C/77 °F Unit: A

Discharge Time F.V. (V/cell)	30 Min	1 Hr	3 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.80V	42.5	23.6	9.99	7.34	4.63	3.893	2.025
1.75V	44.1	24.3	10.19	7.46	4.70	3.945	2.050
1.70V	45.1	24.8	10.31	7.53	4.74	3.966	2.071
1.65V	45.7	25.1	10.39	7.53	4.75	3.968	2.076
1.60V	46.2	25.4	10.44	7.54	4.76	3.968	2.076

All data and artworks shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.