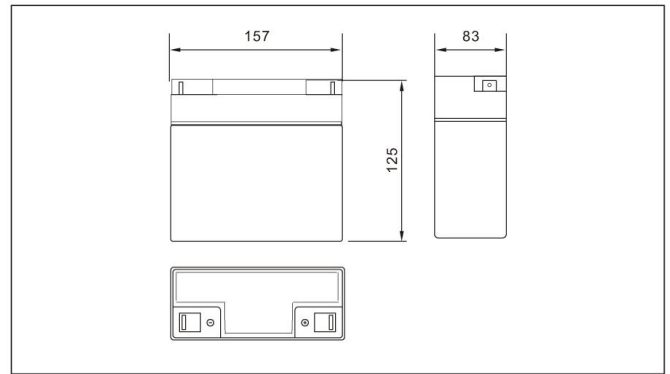


(6V20AH)



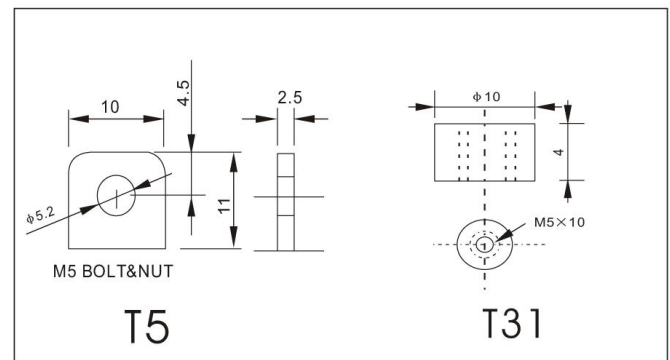
● Outer dimensions (mm)



● Specifications

| | | |
|-------------------------------|--------------|----------------------|
| Nominal Voltage | | 6V |
| Rated capacity (20 hour rate) | | 20 Ah |
| Dimensions | Total Height | 125 mm (4.92 inches) |
| | Height | 125 mm (4.92 inches) |
| | Length | 157 mm (6.18 inches) |
| | Width | 83 mm (3.27 inches) |
| Weight Approx | | 3.3Kg (7.27 lbs) |

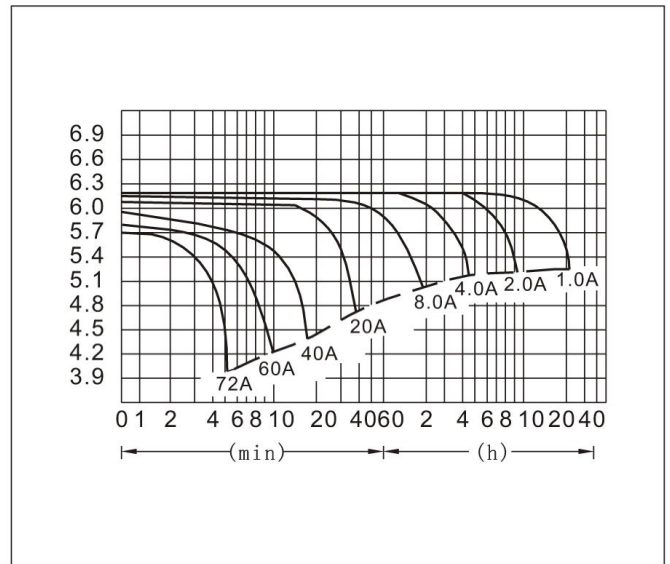
● Terminal Type (mm)



● Characteristics

| | | |
|---|------------------------------------|--|
| Capacity 25°C(77°F) | 20 hour rate(1.00 A) | 20.0 AH |
| | 10 hour rate(1.84 A) | 18.4 AH |
| | 5 hour rate(3.40 A) | 17.0 AH |
| | 1 hour rate(12.0 A) | 12.0 AH |
| | 1.5 hour discharge to 5.2.5V | 8 A |
| Internal Resistance | Full charged Battery at 25°C(77°F) | 7 mΩ |
| Capacity affected by Temperature (20hour rate) | 40°C(104°F) | 102% |
| | 25°C(77°F) | 100% |
| | 0°C(32°F) | 85% |
| | -15°C(5°F) | 65% |
| Self-Discharge at 25°C(77°F) | Capacity after 3 month storage | 91% |
| | Capacity after 6 month storage | 82% |
| | Capacity after 12 month storage | 64% |
| Terminal | | T5 T31 |
| Charge (constant Voltage) | Cycle | Initial Charging Current less than 8.00A Voltage 7.05-7.20V |
| | Float | Voltage 2.25-2.30V |

● Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C(77°F)

| Time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|-------|---|------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 4.80V | A | 72.0 | 47.2 | 35.0 | 23.0 | 12.0 | 7.00 | 5.15 | 4.13 | 3.51 | 2.32 | 1.89 | 1.03 |
| | W | 374 | 253 | 188 | 124 | 64.8 | 38.4 | 28.7 | 23.3 | 19.9 | 13.3 | 10.9 | 6.01 |
| 5.10V | A | 66.0 | 45.2 | 32.2 | 21.8 | 11.3 | 6.72 | 5.00 | 4.00 | 3.44 | 2.28 | 1.86 | 1.01 |
| | W | 354 | 252 | 180 | 123 | 63.7 | 38.7 | 29.0 | 23.3 | 20.1 | 13.3 | 10.9 | 5.91 |
| 5.25V | A | 60.1 | 42.2 | 30.0 | 21.2 | 10.9 | 6.58 | 4.92 | 3.80 | 3.40 | 2.25 | 1.84 | 1.00 |
| | W | 330 | 240 | 171 | 122 | 63.1 | 38.2 | 28.6 | 22.2 | 19.9 | 13.2 | 10.9 | 5.91 |
| 5.40V | A | 57.7 | 40.3 | 28.0 | 20.6 | 10.5 | 6.42 | 4.83 | 3.73 | 3.25 | 2.19 | 1.79 | 0.98 |
| | W | 324 | 233 | 161 | 119 | 61.3 | 37.6 | 28.5 | 22.0 | 19.2 | 13.0 | 10.6 | 5.81 |
| 5.55V | A | 53.4 | 38.0 | 26.0 | 20.0 | 10.2 | 6.25 | 4.58 | 3.67 | 3.11 | 2.13 | 1.75 | 0.95 |
| | W | 303 | 220 | 151 | 117 | 59.8 | 36.9 | 27.2 | 21.8 | 18.5 | 12.8 | 10.6 | 5.76 |