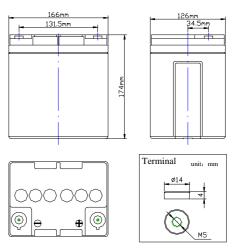


Specifications

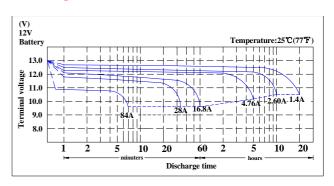
| Noi | ninal Voltage | 12V | | | |
|---------------------|-------------------------------|-------------------------|--|--|--|
| Rated Cap | oacity (20 hour rate) | 28AH | | | |
| | Total Height (with terminals) | 174mm(6.85inches) | | | |
| Dimension | Height | 174mm(6.85inches) | | | |
| | Length | 166mm(6.54inches) | | | |
| | Width | 126mm(4.96inches) | | | |
| Weight Approx.8.6kg | | Approx.8.6kg (18.92Ibs) | | | |

Characteristics

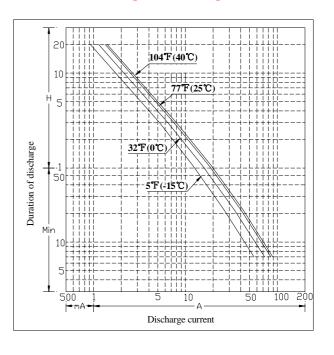
| | 20 hour r | 28AH | | | |
|---|------------------|------------------------------|--|--|--|
| Capacity | 10 hour i | 26.0AH | | | |
| 77°F(25°C) | 5 hour r | 23.8AH | | | |
| | 1 hour i | 16.8AH | | | |
| Internal Resistance | Full char | 9.5m Ω | | | |
| Standard Terminal | M5 | | | | |
| Canacity offsated | 104°F (40 | 102% | | | |
| Capacity affected by Temperature (20 hour rate) | 77 T (25° | 100% | | | |
| | 32 T (0℃ | 85% | | | |
| | 5 T (-15℃ | 65% | | | |
| Self-Discharge | Capacity | 91% | | | |
| | Capacity | 82% | | | |
| 77°F(25°C) | Capacity | 64% | | | |
| Max. Discharge Current 77°F (25°C) | 420A (5s) |) | | | |
| Maximum Charge Current(A) | 5.6A | | | | |
| Charging | Cycle | 14.5V~14.9V/77°F(25°C) | | | |
| (Constant Voltage) | Float | Float 13.6V~13.8V/77°F(25°C) | | | |
| Temperature compensation | Cycle | -4mV/°C/cell | | | |
| coefficient of charging voltage (mV/℃/cell) | Float | -3mV/°C/cell | | | |



Discharge characteristics 77°F (25°C)



Duration of discharge vs. Discharge current



Constant Current Discharge Rating Amperes @ 77°F(25°C)

| Cut off voltage V/cell | 15M | 30M | 45M | 1H | 2Н | 3Н | 5H | 8Н | 10H | 12H | 20H | 24H |
|------------------------|-----|-----|------|------|-----|-----|-----|------|------|------|------|------|
| 1.75V | 44 | 27 | 20.3 | 16.5 | 9.4 | 6.9 | 4.7 | 3.19 | 2.60 | 2.22 | 1.40 | 1.17 |

 ${f Note}$ The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

FULLRIVER

HGL BATTERIES