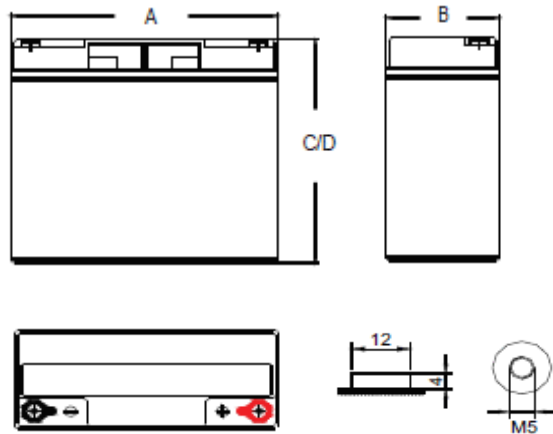


Rated voltage: 12 V **Capacity:** 17,2Ah C₂₀ at 25°C to 1.75V per cell

- * Designed service life of 5 years
- * World-wide compatibility
- * Easy maintenance with low operation cost
- * Easy installing and parameters readings
- * Wide operation temperature range
- * Superior low current discharge performance
- * Better safety performance and reliability
- * Modular and installation design
- * Environmental friendly

Size: 181x77x167

Weight: 5,16kg



Application:

Telecommunication
 UPS
 Solar and wind power system
 Electric power, nuclear power
 Marine

Company Certificates

ISO 9001:2009
 ISO 14001:2005
 OHSAS 18001:2008



Technical details

| | | | |
|---------------------------------------|--------------|-------------------------------|--|
| Max discharge current: | 255A (5sec) | Self-discharge: | less than 9% / 90 days @ 25°C |
| Internal resistance (charged): | 16mΩ @ 25°C | Max charge current: | 4,25A |
| Temperature range | | Charge voltage at 20°C | Float: 2.25-2.30V Cycle: 2.40-2.45V |
| Application temperature: | -20°C ~ 60°C | Terminal output: | M5 |
| Storage: | -20°C ~ 60°C | Container | ABS |
| Charge: | -10°C ~ 50°C | | |
| Temperature compens.factor: | 20 mV/°C | | |

Temperature effect on battery capacity: 105 % @ 40°C 85 % @ 0°C; 60 % @ -20°C

Discharge current (A/25°C, 68°F):

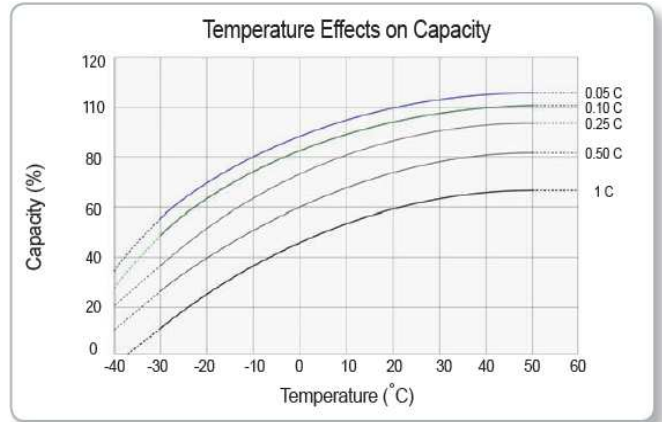
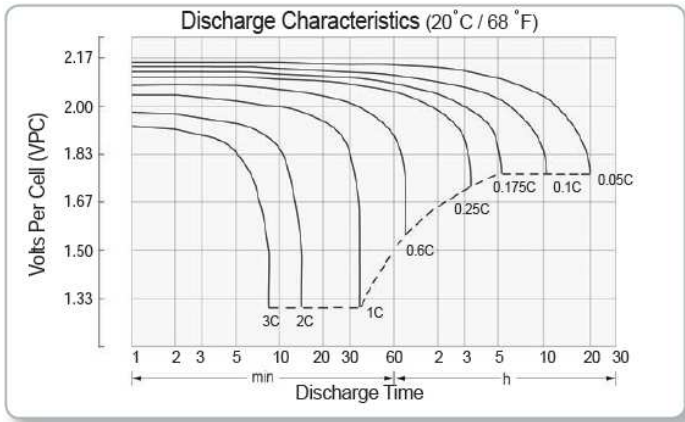
| End Voltage | 5min | 10min | 15min | 30min | 1h | 3h | 5h | 10h | 20h |
|-------------|------|-------|-------|-------|------|------|------|------|------|
| 1,60 | 63,7 | 42,8 | 32,6 | 19,2 | 11,0 | 4,49 | 3,05 | 1,70 | 0,90 |
| 1,65 | 61,4 | 41,8 | 31,8 | 18,8 | 10,7 | 4,40 | 3,00 | 1,68 | 0,89 |
| 1,70 | 59,1 | 40,8 | 31,0 | 18,4 | 10,4 | 4,30 | 2,95 | 1,66 | 0,88 |
| 1,75 | 56,8 | 39,6 | 30,2 | 18,0 | 10,0 | 4,21 | 2,90 | 1,64 | 0,86 |
| 1,80 | 54,5 | 38,6 | 19,4 | 17,5 | 9,7 | 4,12 | 2,85 | 1,62 | 0,85 |

Discharge power (W/25°C, 68°F):

| End Voltage | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h |
|-------------|------|-------|-------|-------|-------|------|------|------|------|
| 1,60 | 129 | 81,7 | 64,9 | 38,0 | 27,8 | 22,4 | 14,5 | 10,5 | 6,57 |
| 1,65 | 125 | 79,2 | 63,4 | 36,8 | 26,8 | 21,5 | 13,6 | 9,84 | 6,57 |
| 1,70 | 120 | 76,0 | 60,8 | 35,6 | 25,6 | 20,4 | 12,8 | 9,09 | 6,24 |
| 1,75 | 113 | 72,7 | 58,3 | 34,3 | 24,5 | 19,3 | 12,0 | 8,29 | 5,89 |
| 1,80 | 107 | 69,3 | 56,0 | 32,9 | 23,1 | 18,0 | 10,9 | 7,38 | 5,46 |

Discharge curves

Temperature and capacity relation



Selfdischarge characteristics

Temperature effects on float life

