

Voltage : 12 Volt
 Capacity : 100Ah
 Dimensions : 330x171x222 mm (LxWxH)
 Terminal : M6 insert (bolt supplied)
 Container & lid : Flame retardant ABS
 Approximate weight : 32kg
 Certificate(s) : CE, BS 6920 Part 4

Typical Applications:

- UPS Systems
- Emergency lighting systems
- Cordless cleaning equipment
- Telecommunication systems
- Auxiliary power supply for recreational vehicles and boats (non-SLI applications)
- Solar energy systems

Capacity

100 hour rate (1.18A) : 118Ah
 20 hour rate (5A) : 100Ah
 10 hour rate (9.6A) : 96Ah
 5 hour rate (17A) : 85Ah
 1 hour rate (63.5A) : 63.5Ah

Internal Resistance (fully charged) : 5mOhm

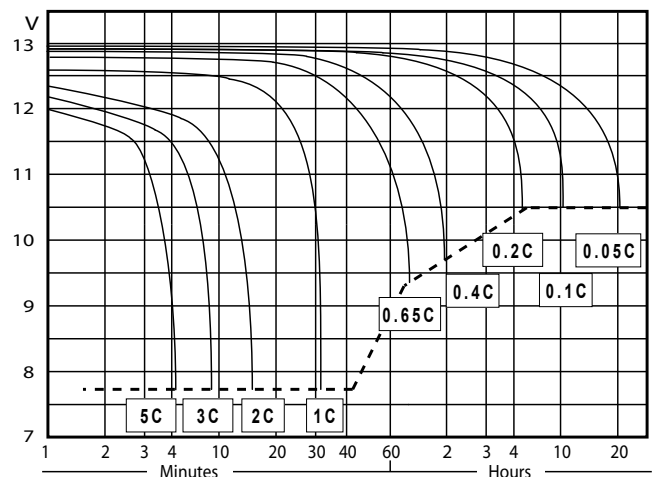
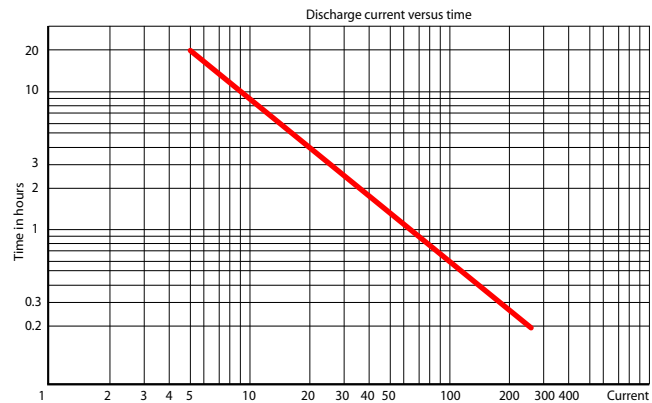
Capacity versus temperature

40°C : 102%
 25°C : 100%
 0°C : 85%
 -15°C : 65%

Max. discharge current : 900A (5 sec)

Charge (constant voltage)

Maximum charge current 30A
 Float use: 13.6 - 13.9 Volt. -20mV/°C
 Cyclic use: 14.5 - 14.9 Volt. -30mV/°C



Discharge data watt/battery

| Discharge time | 5 min | 10 min | 15 min | 30 min | 45 min | 1 hr | 2 hr | 3 hr | 5 hr | 10 hr | 100 hr |
|----------------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 10.80 | 2406 | 1872 | 1704 | 1026 | 786.0 | 684.0 | 395.4 | 282.6 | 202.2 | 112.3 | 12.6 |
| 10.50 | 2646 | 2004 | 1764 | 1062 | 804.0 | 702.0 | 396.0 | 287.4 | 204.0 | 113.3 | 12.8 |
| 10.20 | 2868 | 2118 | 1830 | 1098 | 822.0 | 726.0 | 406.8 | 291.0 | 207.0 | 115.0 | 12.9 |
| 9.90 | 3102 | 2232 | 1890 | 1128 | 840.0 | 732.0 | 414.6 | 294.0 | 207.0 | 115.0 | 12.9 |
| 9.60 | 3336 | 2352 | 1920 | 1164 | 864.0 | 744.0 | 421.8 | 294.0 | 208.2 | 115.7 | 13.0 |