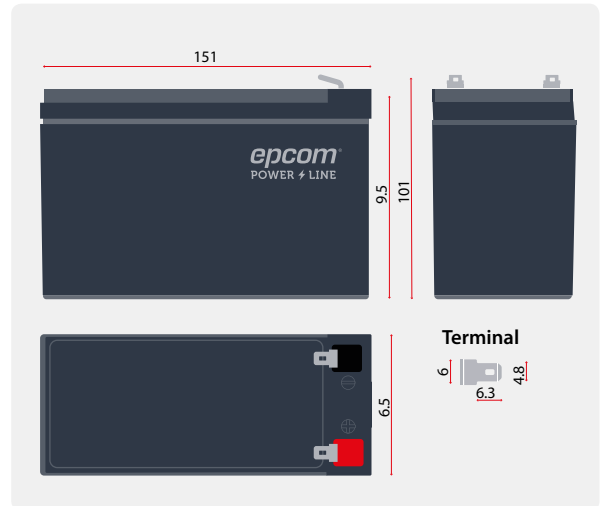


Sealed Acid Batteries

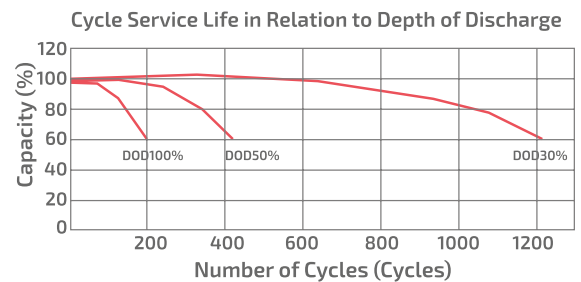
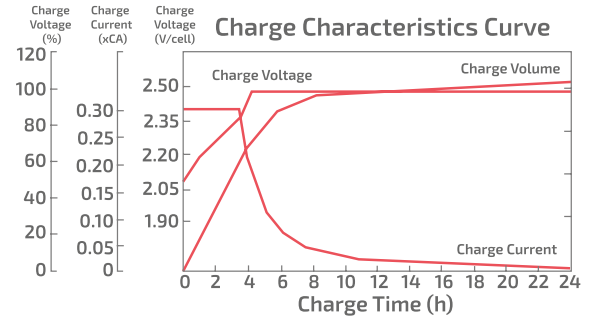
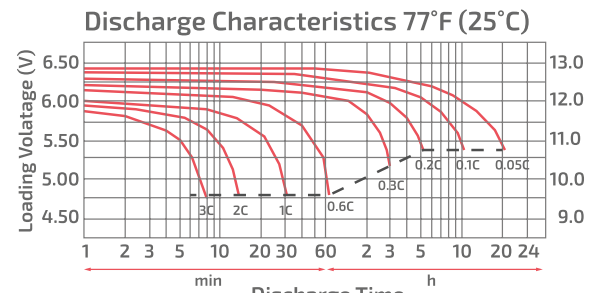
AGM/VRLA (12V 7Ah)

Model: PL712



| Specifications | | |
|-----------------------------------|--------------------|---------------------|
| Nominal Voltage | 12V | |
| Rated Capacity 77°F (25°C) (20HR) | 7.0Ah | |
| Dimensions (mm/inch) | Length | 5.94 inches (151mm) |
| | Width | 2.56 inches (65mm) |
| | Height | 3.74 inches (95mm) |
| | Total Height | 3.98 inches (101mm) |
| Approx. Weight | 4.52 lbs. (2.05kg) | |
| Terminal | T1/T2 | |

| Characteristic | | |
|---|---|--|
| Capacity 77°F (25°C) | 20h rate | 9.00Ah |
| | 10h rate | 8.37Ah |
| | 5h rate | 7.65Ah |
| | 1h rate | 5.49Ah |
| Internal Resistance | Full Charged Battery 77°F (25°C) | Approx. 25m Ω |
| | 104°F (40°C) | 102% |
| | 77°F (25°C) | 100% |
| Temperature dependence of capacity (20HR) | 32°F (0°C) | 85% |
| | 5°F (-15°C) | 65% |
| | Self-Discharge 68°F (20°C) (Capacity after) | 3 months storage |
| 6 months storage | | 80% |
| 12 months storage | | 60% |
| Max. Discharge Current, 77°F (25°C) | | 105A (5s) |
| Floating design life, 77°F (25°C) | | 5 years |
| Constant Voltage Charge, 77°F (25°C) | Cycle | 14.5~14.9V (-24mV/°C) max. current: 2.1 A |
| | Float | 13.6~13.8V (-18mV/°C) |



| Constant Current Discharge Characteristics (A,25°) | | | | | | | | | | |
|--|------|-------|-------|-------|-------|------|------|------|------|--|
| F.V./TIME | 5min | 10min | 15min | 30min | 60min | 3H | 5H | 10H | 20H | |
| 1.60V | 27.0 | 18.0 | 14.0 | 8.40 | 4.70 | 1.73 | 1.15 | 0.71 | 0.37 | |
| 10.2V | 25.7 | 17.1 | 13.4 | 8.06 | 4.55 | 1.70 | 1.13 | 0.70 | 0.36 | |
| 10.5V | 24.2 | 16.1 | 12.7 | 7.66 | 4.35 | 1.65 | 1.10 | 0.68 | 0.35 | |

| Constant Wattage Discharge Characteristics (Watt,25°) | | | | | | | | | | |
|---|------|-------|-------|-------|-------|------|------|------|------|--|
| F.V./TIME | 5min | 10min | 15min | 30min | 60min | 3H | 5H | 10H | 20H | |
| 1.60V | 301 | 203 | 160 | 94.2 | 54.4 | 20.6 | 13.8 | 8.52 | 4.43 | |
| 10.2V | 287 | 191 | 153 | 90.4 | 52.7 | 20.2 | 13.6 | 8.40 | 4.33 | |
| 10.5V | 270 | 180 | 145 | 86.0 | 50.4 | 19.6 | 13.2 | 8.17 | 4.21 | |