

MILPC Group 34

12 Volt Valve Regulated Lead Acid Battery Part Number: 0785-2027

NSN: In Process



Physical Characteristics

| | TYPICAL | | | | | | | |
|----------|----------|----------|----------|--|--|--|--|--|
| Length | Width | Height | Weight | | | | | |
| in. (mm) | in. (mm) | in. (mm) | lb. (kg) | | | | | |
| 10.85 | 6.77 | 7.88 | 49.50 | | | | | |
| (275.6) | (172.0) | (200.2) | (22.4) | | | | | |

The above dimensions are nominal values.

Extended Discharge at 77°F (25°C) to 10.02V

| 5 min. | 15 min. | 1 hr. | 3 hr. | 5 hr. | 10 hr. | 20 hr. |
|--------|---------|-------|-------|-------|--------|--------|
| 304.4A | 144.5A | 47.3A | 18.1A | 11.5A | 6.2A | 3.4A |

Battery Design

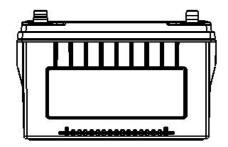
- Thin Plate Pure Lead (TPPL) technology
- · Absorbed Glass Mat (AGM) technology
- 12V Valve Regulated Lead Acid (VRLA)
- SAE Group 34 footprint
- Terminals Top: SAE
- · Can be installed in any orientation except inverted
- · Convenient suitcase lifting handle
- US DOT and IATA certified NONSPILLABLE See SDS for detailed shipping instruction
- Shipped fully charged and ready to install
- High power and high energy

High Rate Discharge at 77°F (25°C)

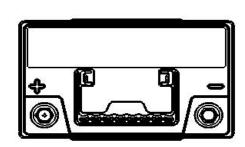
| 5 sec. | 10 sec. | 15 sec. | 20 sec. |
|--------|---------|---------|---------|
| 1500A | 1280A | 1170A | 1100A |

Performance Features

- Typical service life: 6 to 8 years
- Operating temperature: -40°F (-40°C) to 176°F (80°C)
- CCA: 850A at 0°F (-18°C)
- HCA: 1250A at 80°F (27°C)
- MCA: 1050A at 32°F (0°C)
- Reserve capacity: 135 minutes
- Shelf life: 24 months @ 25°C
- Deep cycling capability: 400 at 80% DOD
- Short circuit current: 3100A









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