

# MILPC Group 31 TT

12 Volt Valve Regulated Lead Acid Battery
Part Number: 0790-2410

NSN: 6140-01-520-7112



**Physical Characteristics** 

Tilysical C	TYPICAL		
Length	Width	Height	Weight
in. (mm)	in. (mm)	in. (mm)	Ib. (kg)
13.07	6.91	9.38	78.00
(332.0)	(175.5)	(238.3)	(35.4)

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.
420.0A	206.6A	70.0A	26.6A	16.8A	9.1A	5.0A

## **Battery Design**

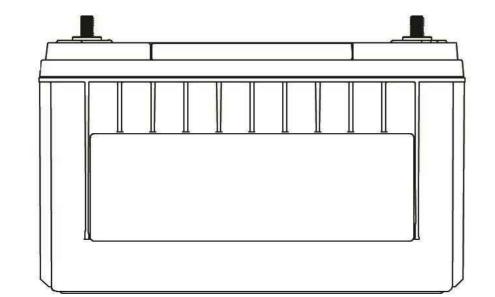
- Thin Plate Pure Lead (TPPL) technology
- Absorbed Glass Mat (AGM) technology
- 12V Valve Regulated Lead Acid (VRLA)
- SAE Group 31 footprint
- Terminals Top: 3/8 in. (9.5 mm) -16 corrosion-free, threaded stud terminal
- Can be installed in any orientation except inverted
- Convenient suitcase lifting 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

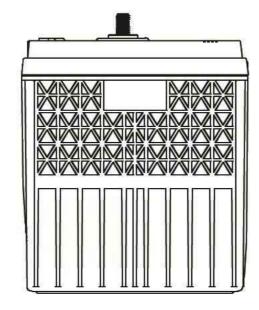
### High Rate Discharge at 77°F (25°C)

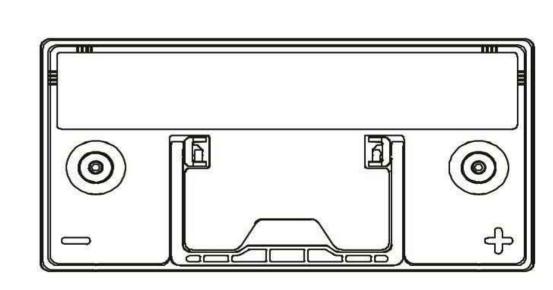
5 sec.	10 sec.	15 sec.	20 sec.
2150A	1985A	1800A	1750A

#### **Performance Features**

- Typical service life: 6 to 8 years
- Operating temperature: 40°F (-40°C) to 176°F (80°C)
- CCA: 1150A at 0°F (-18°C)
- HCA: 1545A at 80°F (27°C)
- MCA: 1370A at 32°F (0°C)
- Reserve capacity: 205 minutes
- Shelf life: 24 months @ 25°C
- Deep cycling capability: 400 at 80% DOD
- Short circuit current: 5000A









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