



12GX62F

Pure Lead High Rate Battery

12GX62F is a robust 12V valve regulated lead acid battery specifically designed for high-rate discharge applications.

Key Benefits

- Easy installation & upscaling capabilities
- Compact design for space efficiency
- High operational reliability
- Maximized corrosion resistance
- Exceptionally long service life & increased energy density

Safety Standards & Compliances

- CE & UL Certified
- ISO 9001
- ISO 45001
- IEC 60896
- ISO 14001
- OHSAS 18001

Specifications

Nominal Characteristics

Nominal Voltage	12V
Nominal Rate	231.3 WPC (77°F / 25°C)
Nominal Capacity	62 Ah (77°F / 25°C)
Dimensions	Length Width Height
	11.8 in / 298.7 mm 3.82in / 97 mm 10.5 in / 267 mm
Weight	42.1 lbs / 19.1 kgs
Terminal	M6 / T6
Container Material	ABS-FR (UL94 V-0)
Design Life	20 Years
Warranty	5 Year Full

Electrical Characteristics

Short Circuit Current	1240A
Internal Resistance	Approx. 5.6 mΩ (Fully Charged)
Charge Temperature	-4°F to 129°F / -20°C to 54°C
Discharge Temperature	-40°F to 149°F / -20°C to 65°C
Storage Temperature	-4°F to 122°F / -20°C to 50°C
Nominal Operating Temperature Range	77 ± 5°F / 25 ± 3°C
Max. Charge Current	0.3C
Float Charge (-3mV / cell / °C)	2.27 ± 0.02V / cell
Equalization Charge (-4mV / cell / °C)	2.35 - 2.40V / cell
Self Discharge	Can be stored up to 2 years 77°F (25°C)



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Contact Us

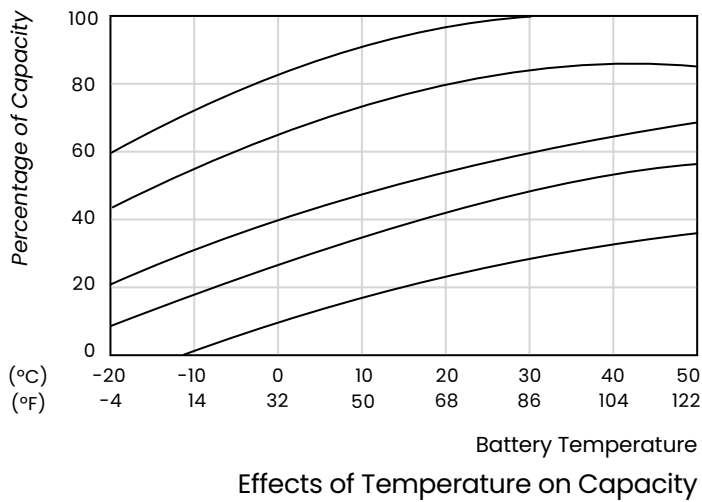
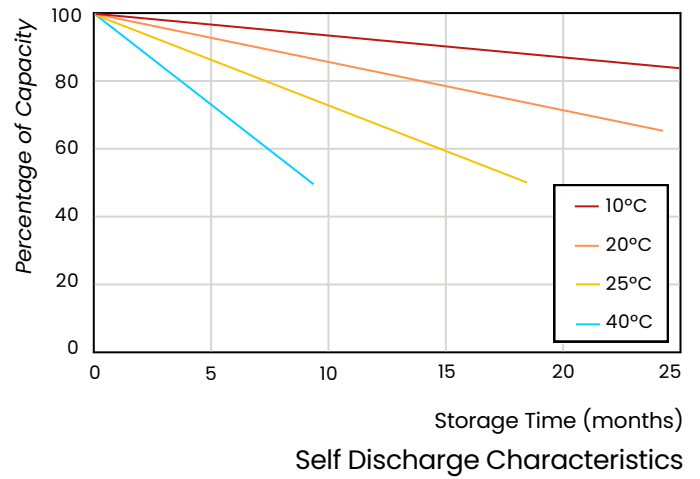
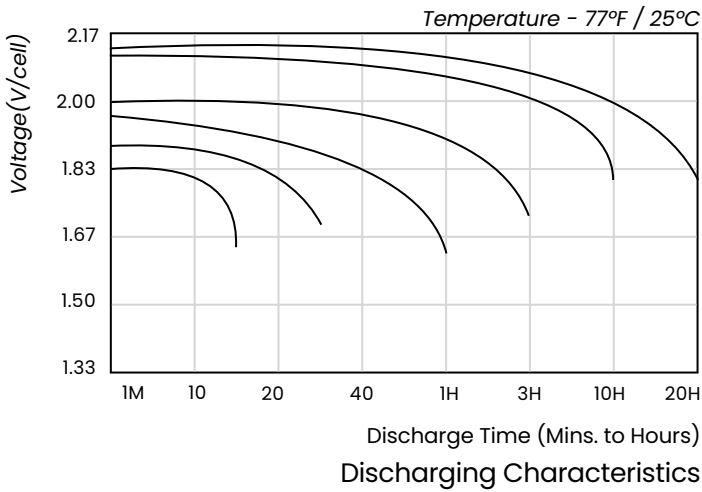


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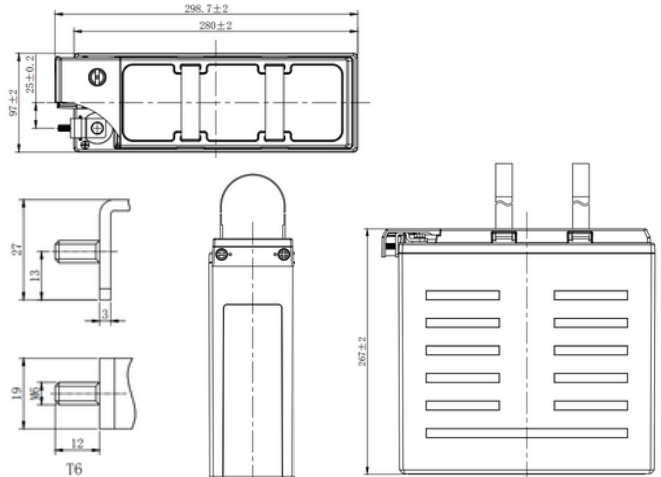


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Performance Curves



Drawing



Discharge Data

Constant Current Discharge Data in Amperes at 77°F (25°C)								
F.V / Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	8 Hr	10 Hr	20 Hr
1.85V / cell	120.4	99.4	65.7	38.3	15.5	7.40	6.05	3.16
1.75V / cell	142.4	114.3	71.6	40.8	16.6	7.75	6.27	3.26
1.67V / cell	162.6	126.5	75.6	42.2	17.2	7.86	6.41	3.32
Constant Power Discharge Data in Watts Per Cell at 77°F (25°C)								
1.85V / cell	228.5	190.1	128.8	75.9	31.2	14.4	12.3	6.45
1.75V / cell	263.2	213.7	137.4	80.0	33.2	15.0	12.7	6.61
1.67V / cell	293.0	231.3	143.2	82.0	34.0	15.4	12.9	6.70

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