

DC 80 Gel

Gel Deep Cycle Battery | 12 V | 80 Ah | 100 h



Electrical Specifications

Nominal Voltage	12 V
Capacity C100	80 Ah (10,5 V, 25 °C)
Capacity C20	70 Ah (10,5 V, 25 °C)
Capacity C10	65 Ah (10,5 V, 25 °C)
Capacity C5	55 Ah (10,5 V, 25 °C)
Capacity C3	48 Ah (10,5 V, 25 °C)
Reserve Capacity	25 A (10,5 V $\geq$ 115 min)
CCA (-18 °C)	620 A (EN)
Self Discharge	< 8 % after 90 Days (25 °C)
Charge Current	0 to 21 A
Charge Voltage	14,4 to 14,7 V (25 °C)
Number of Cycles	1750 (30 % DoD)
	750 (50 % DoD)
	450 (80 % DoD)
	300 (100 % DoD)

Mechanical Specifications

Dimensions (L×B×H)	278 × 175 × 190 mm
Weight	20,7 kg
Terminal	T1
Temperature Range	-30 °C to 70 °C
Case Material	High temperature resistant materials

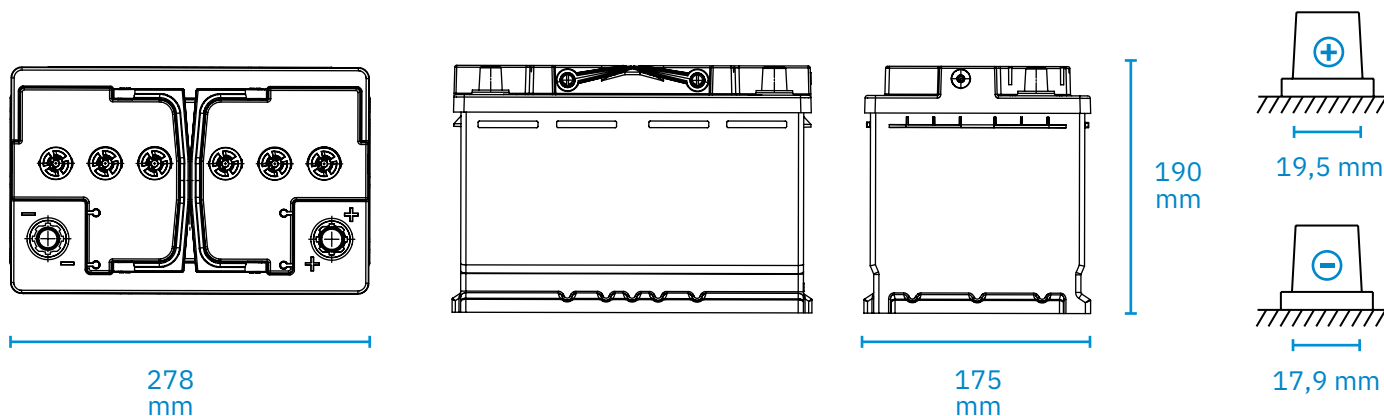
Certificates

- EN 50342

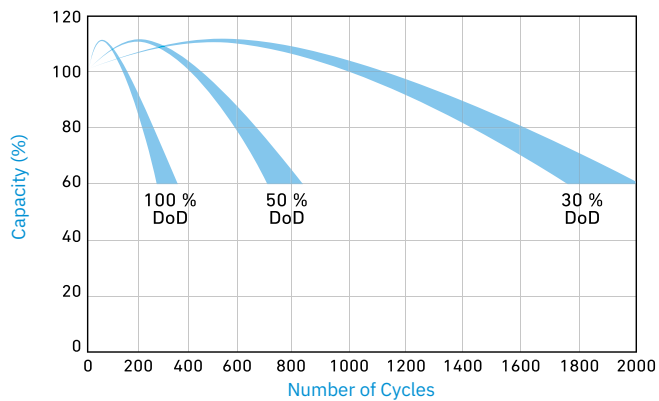
Functions & Features

- Leak-proof
- Maintenance-free
- Long service life, low self-discharge

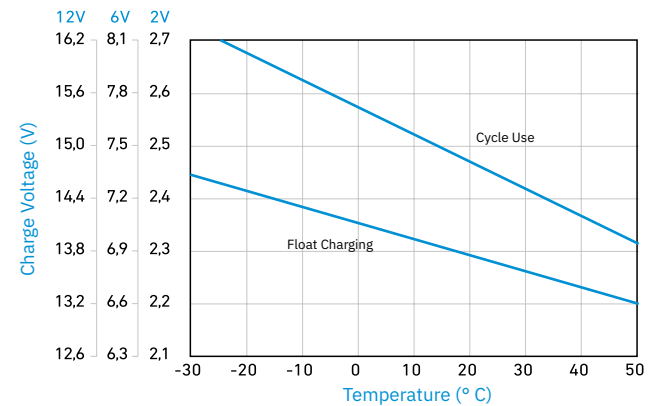
Dimensions



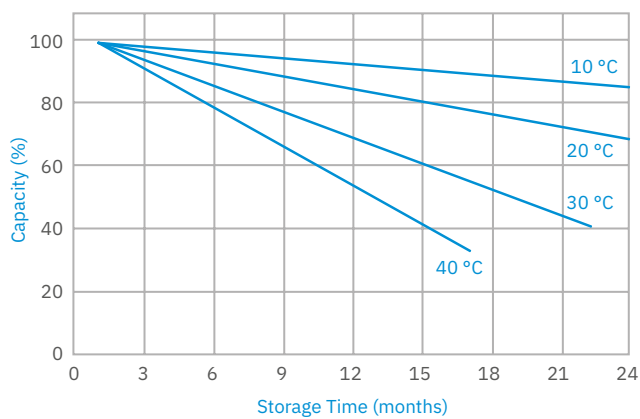
Cycle Service Life vs. Depth of Discharge



Charging Voltage vs. Temperature



Self-Discharge at Different Temperatures



Quick Charge Performance

