



ST120

120Ah | 12V | 100 h | 950A

Electrical Specifications

Nominal voltage	12V
Rated capacity	120Ah (at C ₁₀₀)
Separator	AGM
Electrolyte	Sulphuric acid
CCA at -18°C	950A
Plate technology	Calcium / Calcium
Cycle Life in Relation to Depth of Discharge	800 Cycles at 30 % DoD 500 Cycles at 50 % DoD 300 Cycles at 80 % DoD 200 Cycles at 100 % DoD

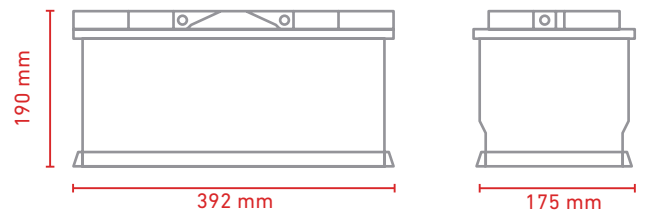
Mechanical Specifications

Measurements (L x W x H)	392 x 175 x 190 mm
Weight	29.50kg
Terminal type	Conical (pole acc. to IEC-60095-2)
Case / lid material	Polypropylene
Lid type	Kamina
Carrying handles	Available

Standards

Standards	IEC 60254 IEC 61427
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Measurements



Discharge Specifications

Discharge rate	C ₅ (5h)	C ₁₀ (10h)	C ₂₀ (20h)	C ₁₀₀ (100h)	Capacity at 25 A
End of discharge voltage	10,20V	10,80V	10,50V	10,80V	10,50V
Discharge capacity	83Ah	92Ah	105Ah	120Ah	180min

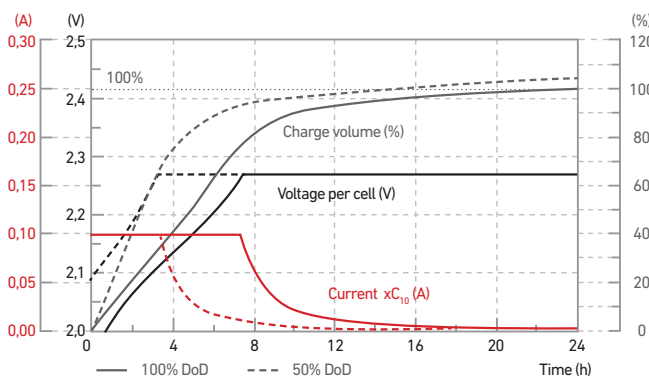
Temperature correction factor of discharge capacity

Temperature	-20°C	-10°C	0°C	10°C	20°C	40°C
Correction Factor	0,50	0,70	0,83	0,91	0,97	1,04

Charge Specifications

- Charging profiles: WaW0 and IU1a Charge factor: 1.10 to 1.20

Charge with constant voltage 2.27V per cell at 20°C and limit current 0.1 C₁₀ A



Charge with constant voltage 2.40V per cell at 20°C and limit current 0.2 C₁₀ A

