



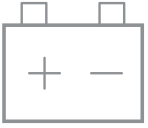





Stark Energy Batteries // SRK-125

Canada Tough – 365 Days a Year

| | |
|---|------------------|
|  | Nominal Capacity |
| | 125 Ah |
|  | Voltage |
| | 12V |
|  | Electrolyte |
| | AGM |
|  | Weight |
| | 66lb |
|  | Terminal Type |
| | Internal Thread |
|  | Warranty |
| | 1 years |



STARK ENERGY BENEFITS:

- Sealed lead acid battery classified as non-hazardous material per IMDG
- Can ship via Purolator or DHL and approved for air transport by IATA
- Individually boxed for safe transport right to your work site
- Every battery is equipped with lifting handles
- Internal threaded posts, hardware, and terminal covers included

Stark Energy AGM batteries are built to power equipment 365 days a year. Unlike most AGM standby batteries, Stark Energy comes from a high cycling lineage. Designed specifically for solar and EV applications, they can withstand repeated cycles of up to 300 at 100% discharge and many times that at shallower cycle depth.

The advanced AGM design and spill-proof construction allow for multiple operating positions (except upside down). They can also operate at -40C. Best of all, these batteries are maintenance-free. Over 20,000 Stark batteries are reliably powering equipment all over Canada – don't settle for anything else.



Stark Energy Batteries // SRK-125

Canada Tough – 365 Days a Year

PERFORMANCE SPECIFICATIONS

| | | | |
|-------------------------------|--------------------|-----------|--|
| Nominal Voltage | 12 Volts | | |
| Nominal Capacity | 25°C | | |
| 1 Amp rate | 125 Ah | | |
| 100-hr. | 118 Ah | | |
| 20-hr. | 105 Ah | | |
| 10-hr. | 100 Ah | | |
| Internal Resistance (approx.) | 5mΩ | | |
| Resting Discharge Rate | 31.58 V | | |
| 3 Months | 6 Months | 12 Months | |
| 91% | 82% | 64% | |
| Charge Method | (Constant Voltage) | | |
| Cycle Use (Repeating Use) | | | |
| Initial Current | 27 A or similar | | |
| Control Voltage | 14.6 - 14.8 | | |
| Float Use (Control Voltage) | 13.6 - 13.8 | | |
| AGM Operational Temperature | | | |
| Discharge | -40°C to 60°C | | |
| | -40°C to 50°C | | |
| AGM Storage Temperature | -40°C to 45°C | | |

CAPACITY FACTORS WITH DIFFERENT TEMPERATURES (20 HOUR RATE)

| | | | |
|------|------|-----|-------|
| 40°C | 25°C | 0°C | -20°C |
| 102% | 100% | 85% | 65% |

BATTERY CARE & STORAGE

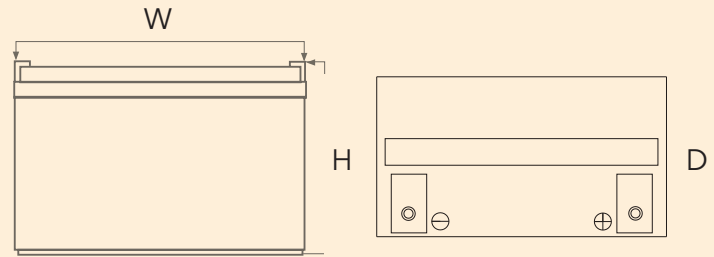
CARE:

- Active users charge daily; occasional users charge battery before any outing, after active use or every 90 days if no use
- Only use with a specified charger. Only use appropriate charger to charge AGM batteries as charging rates differ.
- Never use an automotive or wet type charger on an AGM battery
- Top Charge your battery frequently and/or leave on a charger/maintainer.

STORAGE:

- Batteries should always be stored fully charged in a cool and dry place to maintain maximum service life
- Depending on storage temperatures, batteries hold their charge for 3 to 9 months until recharge is necessary. Above 30C (86F), recharge at 9 months. Above 40C (104F), recharge at 3 months. Do not store above 40C (104F)
- If a battery is stored for 9 months or longer without being charged, its service life may be shortened.
- Never store batteries in a sealed environment or incorporate into a sealed structure/enclosure without adequate ventilation

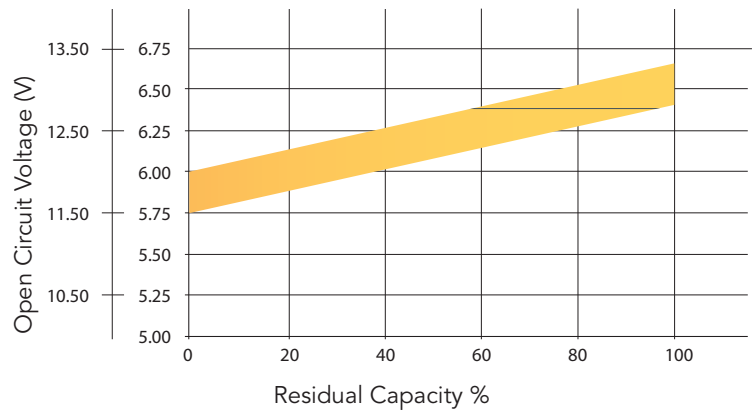
DIMENSIONS



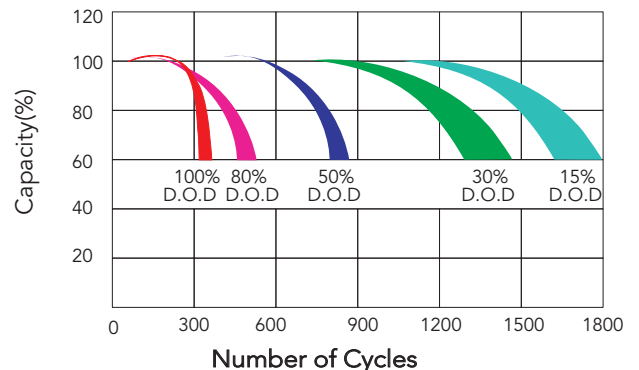
Dimensions (W x H x D) 12.9 x 8.7 x 6.8"
(32.8 x 22.2 x 17.2cm)

Weight 66 lbs (30 kg)

OPEN CIRCUIT VOLTAGE VS. RESIDUAL CAPACITY



LIFE CHARACTERISTICS OF CYCLE USE



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