

Security Force brand batteries are high quality batteries produced specifically for security and fire systems.

Stationary lead-acid maintenance-free Security Force batteries are manufactured by AGM technology.

Recommended for use in low-current systems and optimized for cycle operation.



Battery construction

Element	Positive plate	Negative plate	Case	Lid	Valve	Terminal	Separator	Electrolyte
Material	Lead dioxide	Lead	ABS		Rubber	Copper	Fiberglass	Acid

Specifications

Nominal voltage.....12 V
 Design life.....3-5 years
 Nominal capacity (25°C)
 20 hours rate18 Ah
 Internal resistance (25°C).....17 mΩ
 Self-discharge.....3% capacity per month 25°C

Operating temperature range

Discharge..... -15÷50°C
 Charge..... -10÷50°C
 Storage..... -20÷50°C

Charge Method: Constant Voltage (25°C)

Cycle mode (14,4÷15 V)
 Maximum discharge current.....5,4 A
 Temperature correction factor.....15 mV/°C
 Standby mode (13,62÷13,8 V)
 Temperature correction factor.....10 mV/°C

Dimensions (±2mm)

Length, mm.....181
 Width, mm.....77
 Height, mm.....167
 Height over terminals, mm.....167

Performance & characteristics

- AGM technology allows to recombine 99% of the generated gas;
- No restrictions on air transportation;
- Compliance with the UL requirements;
- Lead plates, alloyed by calcium, provide high energy density;
- Long service life;
- Maintenance-free. Do not require distillate topping;
- Low self discharge;
- The battery case is made of flame-retardant ABS plastic.

