

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

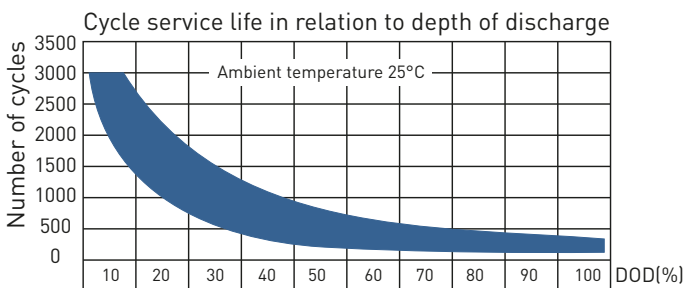
Nominal voltage.....12 V  
 Design life.....3-5 years  
 Nominal capacity (25°C)  
 20 hours rate .....18 Ah  
 Internal resistance (25°C).....17 mΩ  
 Self-discharge.....3% capacity per month 25°C

### 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



### 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.

### Dimensions (±2mm)

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

