

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.....	8 years
Nominal capacity (25°C)	
20 hours rate .....	65 Ah
Internal resistance (25°C).....	<15 mΩ
Self-discharge.....	3% capacity per month 25°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.

### 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.....	18 A
Temperature correction factor.....	15 mV/°C
Standby mode (13,62÷13,8 V)	
Temperature correction factor.....	10 mV/°C

### Dimensions ( $\pm 2\text{mm}$ )

Length, mm.....	350
Width, mm.....	166
Height, mm.....	177
Height over terminals, mm.....	177

