FELIX Security Systems

6-FM-7

12V 7.2AH LEAD-ACID STORAGE BATTERY

PRODUCT FEATURES:

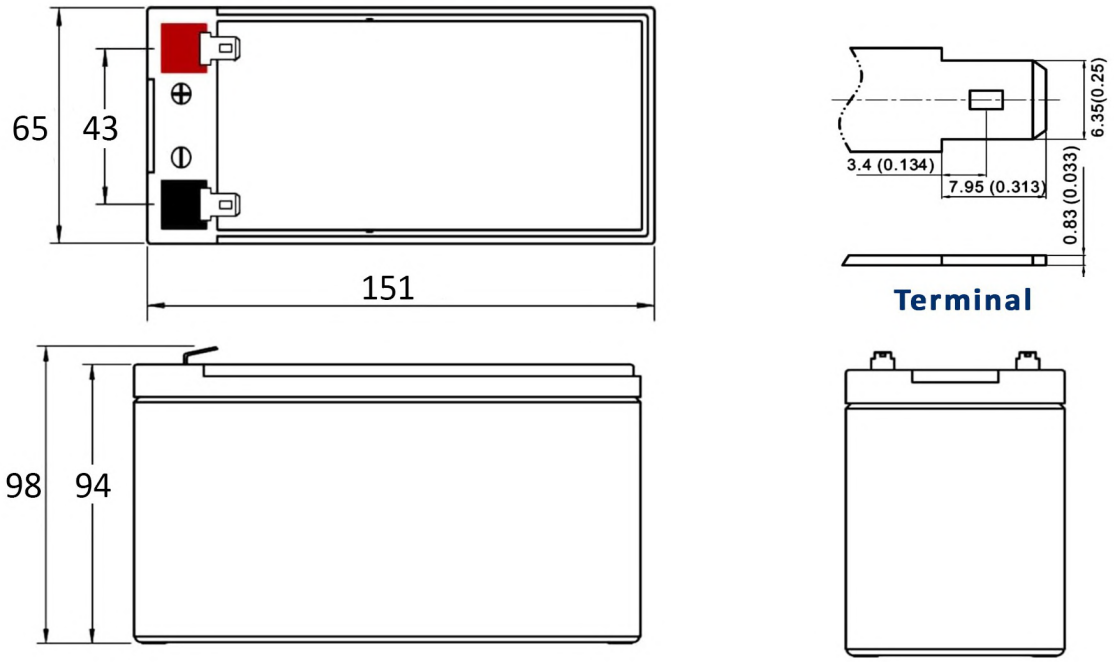
- **12V Nominal Voltage** - The battery supplies a steady 12VDC output, which is a standard voltage used in UPS systems, alarms, and backup power equipment.
- **7.2Ah Capacity** - This indicates how much charge the battery can store. A 7.2Ah battery can deliver 0.36Amps for 20 hours, or higher current for a shorter time.
- **Sealed Lead-Acid (SLA / VRLA) Design** - The battery is completely sealed, preventing electrolyte leakage. It uses valve-regulated technology for safe operation.
- **Non-Spillable and Leak-Proof** - The electrolyte is absorbed inside the battery (AGM type), allowing safe indoor use and flexible mounting positions.
- **Low Self-Discharge** - The battery loses very little charge when not in use, ensuring it remains ready during long standby periods.
- **Long Standby Life** - Designed for float charging.
- **Low Internal Resistance** - Enables efficient power delivery and supports high current demand when required.
- **Compact and Rugged Construction** - The ABS plastic casing protects the battery from vibration and physical damage.

TECHNICAL SPECIFICATIONS

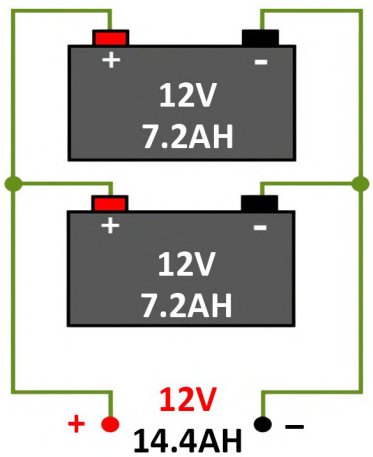
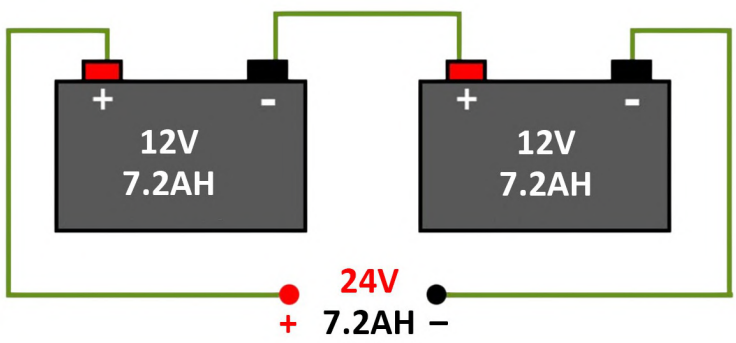
Model	6-FM-7			
Nominal Voltage	12V			
Capacity	7.20 AH (20HR(0.360A,10.5V)			
Dimensions	151L x 65W x 94H x 98H* (mm)			
Intemal Resistance	Full charged at 25°C: 30.00 mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(250°C)	Cycle use		Float use	
	14.4-15.0V(-30mV/°C)Max.Current: 2.10Amps		13.5-13.8V(-20mV/°C)	
Weight	1.9KG			

DIMENSION:

Outer Dimension(mm)



Connection diagram in parallel (Increasing the Ampere)



Connection diagram in Series (Increasing the Voltage)