FIRE & SECURITY

FAS1075

Technical Specifications

Nominal Voltage	12V
Nominal Capacity	7.0Ah (20 Hr Rate to 1.75V/cell)
Chemistry	Lead Acid - AGM

Physical Specifications

Length	151 mm	5.94 in
Width	65 mm	2.56 in
Height	94 mm	3.70 in
Height w/Terminal	102 mm	4.02 in
Weight (+/- 5%)	2.1 Kg	4.63 lbs
Terminal Type	F1	
Case Material	Black ABS	

Charging Specifications

Charge Voltage	Battery	Per Cell
Float	13.7V~13.9V	2.28V~2.32V
Cycle	14.6V~14.8V	2.43V~2.47V
Max. Charge Current	2.1A	

Capacity Specifications

5 Second Discharge Current	70A
Self Discharge (to 80% capacity)	1 Month 92% 3 Months 90% 6 Months 80%
Internal Resistance	30mΩ(25°C)

Temperature Specifications

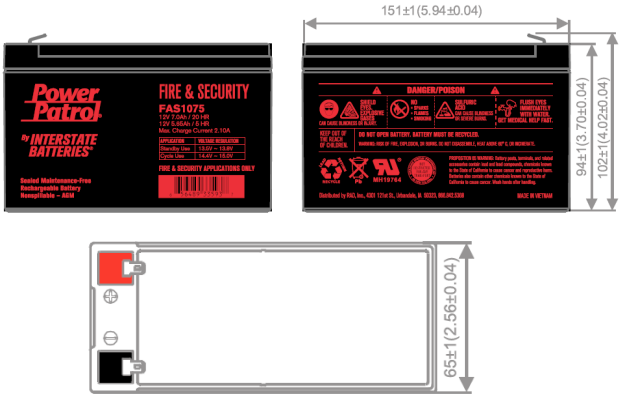
Operating Temperature Capablity	-40° F (-40° C) to 140° F (60° C)

Recommended parameters for optimal battery life and performance:

Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),
Storage: 50° to 77° F (10° C to 25° C)

FEATURES:

- Professional-grade quality developed specifically for fire & security applications
- Designed for optimum efficiency and long life in float charge devices
- Industry-leading AGM design
- VRLA technology to eliminate spills and over-pressurization
- Flexibility of mounting orientation
- Maintenance-free



RECYCLE LEAD RETURN

Pb

NOT RESTRICTED FOR ANY TRANSPORT

IATA/ICAO SPECIAL PROVISION A67 · 49 CFR 173.159

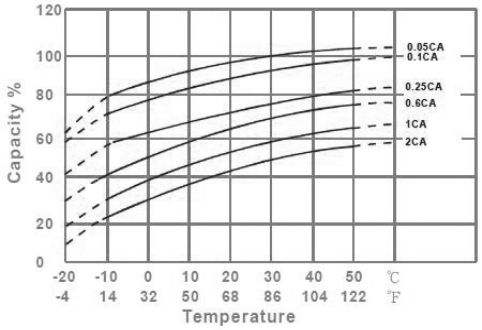
6/19

Interstate Batteries
4301 121st Street Urbandale, IA 50323

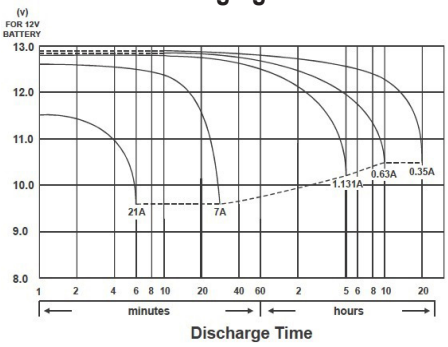
866-884-4635
InterstateBatteries.com/all-battery-centers

FIRE & SECURITY

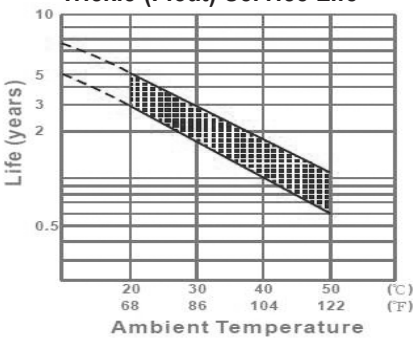
Temperature Effect on Capacity



Discharging Current VS Discharging Time



Trickle (Float) Service Life



Constant Current Discharge Characteristics: A (25°C)							
F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.85V/cell	18.49	6.11	3.69	1.67	1.15	0.64	0.34
1.80V/cell	21.01	6.59	3.94	1.75	1.19	0.66	0.35
1.75V/cell	23.06	6.97	4.13	1.81	1.23	0.68	0.35
1.70V/cell	24.68	7.26	4.27	1.86	1.25	0.69	0.36
1.67V/cell	25.95	7.48	4.38	1.89	1.27	0.69	0.36
1.60V/cell	26.92	7.65	4.47	1.92	1.29	0.70	0.36

Constant Power Discharge Characteristics: W (25°C)							
F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.85V/cell	34.82	11.85	7.24	3.32	2.28	1.28	0.68
1.80V/cell	38.88	12.66	7.66	3.45	2.36	1.32	0.69
1.75V/cell	41.94	13.25	7.99	3.56	2.43	1.35	0.71
1.70V/cell	44.10	13.66	8.22	3.63	2.47	1.37	0.72
1.67V/cell	45.85	14.00	8.40	3.69	2.50	1.39	0.72
1.60V/cell	46.34	14.10	8.47	3.71	2.52	1.40	0.73

Charging

Float Service: Holding the battery across a constant voltage source of 13.5-13.8 volts allows it to seek its own current level and maintain itself in a fully charged state. Please note that this type of battery should be charged within 6 months of storage, otherwise sulfation could cause a permanent loss of capacity.

Interstate Batteries
4301 121st Street Urbandale, IA 50323
866-884-4635
InterstateBatteries.com/all-battery-centers