

SEALED RECHARGEABLE GEL BATTERY

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Features:

- Non-Spillable Sealed Construction
- No Water Topping Required
- Maintenance-Free Operation
- Low Pressure Venting System
- Low Self-Discharge - Long Shelf Life
- Wide Operating Temperature Range
- High Recovery Capability
- High Charge Acceptability
- Ultra Long Life Service
- Low Maintenance
- High Performance
- User Friendly



TECHNICAL SPECIFICATIONS

MODEL -12V	 12V 1.3 Ah	 12V 2.3 Ah	 12V 5 Ah	 12V 7 Ah	 12V 9 Ah
Cells Per Unit	6	6	6	6	6
Voltage Per Unit	12	12	12	12	12
Capacity	1.3Ah@10hr-rate	2.3Ah@10hr-rate	5Ah@20hr-rate	7.0Ah@20hr-rate	9.0Ah@20hr-rate
Weight	Approx 0.52 kg	Approx 0.9 kg	Approx 1.5kg	Approx 2.0kg	Approx 2.5kg
Max. Discharge Current	19.5A (5sec)	34.5A (5sec)	75A (5sec)	105A (5sec)	135A (5sec)
Internal Resistance	Approx. 43m Ω	Approx. 58m Ω	Approx. 35m Ω	Approx. 28m Ω	Approx. 21m Ω
Operating Temperature Range	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C
	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C
	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C
Normal Operating Temperature Range	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C
Float charging Voltage	13.50 to 13.80V DC/unit Average at 25°C				
Max. Charging Current	0.39A	0.39A	1.5A	2.1A	2.7A
Equalization and Cycle service	14.70 to 15.00V DC/unit Average at 25°C				
Self Discharge	The batteries can be stored for more than 6 months at 25°C. Please charge batteries before using. For high temperature, the time interval will be shorter.				
Terminal	Faston Tab 187 (T1)	Faston Tab 187 (T1)	Faston Tab 187 (T1)	T1 / T2	T1 / T2
Consterainer Material	ABS (UL94-HB) Flammability resistance of UL94-V0 is available on request.				

MODEL -12V	 12V 12 Ah	 12V 14 Ah	 12V 18 Ah	 12V 24 Ah	 12V 26 Ah
Cells Per Unit	6	6	6	6	6
Voltage Per Unit	12	12	12	12	12
Capacity	12Ah@10hr-rate	14Ah@10hr-rate	18Ah@10hr-rate	24Ah@10hr-rate	26Ah@10hr-rate
Weight	Approx 3.15 kg	Approx 3.45 kg	Approx 5.2 kg	Approx 6.6 kg	Approx 8.0 kg
Max. Discharge Current	180A (5sec)	180A (5sec)	200A (5sec)	300A (5sec)	300A (5sec)
Internal Resistance	Approx. 19m Ω	Approx. 17m Ω	Approx. 8.5m Ω	Approx. 8.5m Ω	Approx. 8m Ω
Operating Temperature Range	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C	Discharge:-20°C~50°C
	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C	Charge:-20°~50°C
	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C	Storage:-20°C~50°C
Normal Operating Temperature Range	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C
Float charging Voltage	13.50 to 13.80V DC/unit Average at 25°C				
Max. Charging Current	3.6A	4.2A	5.4A	7.2A	7.8A
Equalization and Cycle service	14.70 to 15.00V DC/unit Average at 25°C				
Self Discharge	The batteries can be stored for more than 6 months at 25°C. Please charge batteries before using. For high temperature, the time interval will be shorter.				
Terminal	T2	T2	T3 / T10	T3 / T10	T3 / T10
Consterainer Material	ABS (UL94-HB) Flammability resistance of UL94-V0 is available on request.				