AP-12260NB
Amstron 12V / 26Ah Sealed Lead Acid Battery w/ NB Terminal

FEATURES

Amstron AP-12260 Rechargeable Sealed Lead Acid Battery is designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to produce extra output power for common power backup system applications. This battery uses a state of the art, heavy-duty, calcium-alloy grid that provides exceptional performance and service life in both float and cyclic applications.

- Air & Transport Approved: DOT, IATA, FAA
- UL recognized under file number MH47341
- Rugged impact resistant ABS case and cover (UL94-HB)
- Flame Retardant (UL94V-0) Optional
- Sealed and maintenance free operation
- Non-Spill construction design
- Valve Regulated Lead Battery (VRLA) Safety venting valve for pressure release

PERFORMANCE SPECIFICATIONS

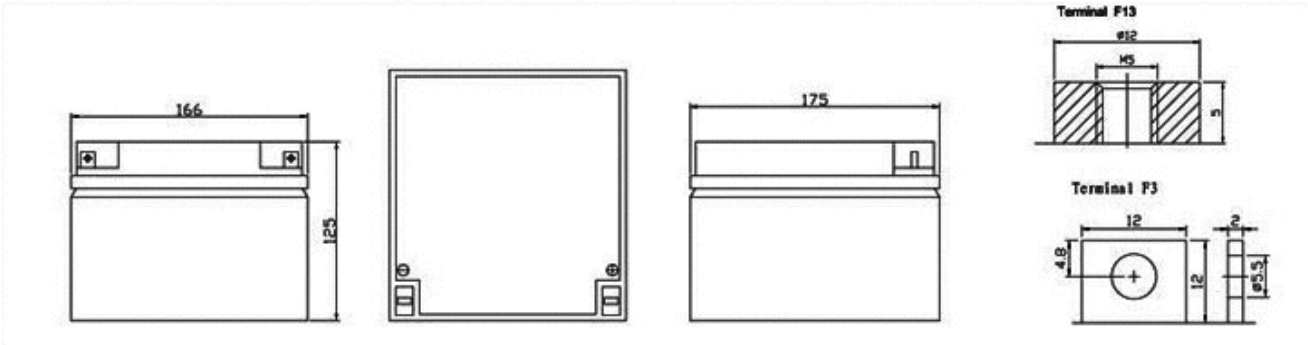
Voltage per unit	12 Volts
Cell per unit	6 cells
Nominal Capacity (10.50 Volts)	
20 hr.	1.3A / 26Ah
10 hr.	2.5A / 25Ah
5 hr.	4.42A / 22.1Ah
1 hr.	15.7A / 15.7Ah
Approximate Weight	18.08 lb / 8.20 kg
Energy Density	1.39 W-h/in3 (84.64 W-h/l)
Specific Density	18.35 W-h/lb (40.46 W-h/kg)
Internal Resistance	(Approx.) 14mΩ
Max Discharge Current	78A (7 min)
Max Short-Duration Discharge Current	260A (10 sec.)
Shelf Life	

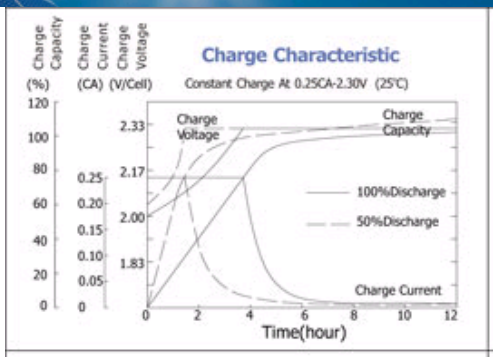
1 Month	3 Months	6 Months	12 Months
97%	91%	83%	64%

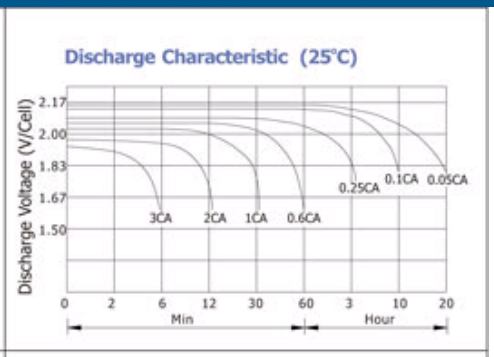
Operating Temperature Range	
Charge	-4°F (-20°C) to 122°F (50°C)
Discharge	-40°F (-40°C) to 140°F (60°C)
Charging Voltage (25°C)	
Cycle Use	14.4-15V(-30mV/°C), Max. Current 8.25A
Float Use	13.6-13.8V(-20mV/°C)
Terminal Type	NB Terminal
Certificate	UR,CE

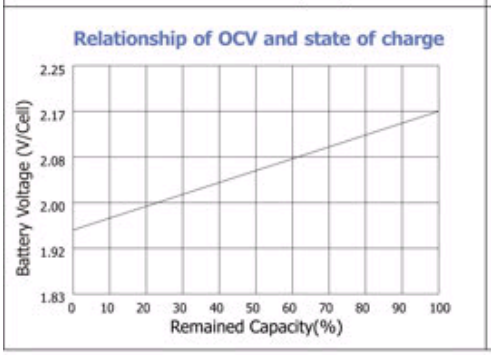
DIMENSIONS L: 6.54 inch (16.61 cm) W: 6.89 inch (17.50 cm) H: 4.92 inch (12.50 cm)

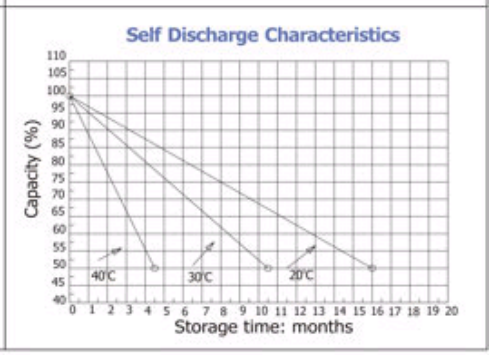
Tolerances are +/- 0.04 in. (+/- 1mm) and =/1 0.08 in (+/- 2mm_ for height dimensions. All data subject to change without notice.











Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	91.0	62.4	45.5	27.3	17.2	7.10	4.96	2.76	1.37
1.67V	81.9	56.9	44.2	26.5	17.1	7.07	4.92	2.72	1.37
1.70V	77.7	54.9	42.6	26.0	17.1	7.07	4.92	2.69	1.37
1.75V	69.2	50.7	40.3	25.5	16.9	7.02	4.88	2.65	1.36
1.80V	62.4	47.1	38.5	24.7	16.7	6.99	4.84	2.60	1.31
1.85V	47.3	38.7	33.3	22.7	16.5	6.97	4.80	2.56	1.23

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	150	103	80.6	51.5	33.8	13.6	9.49	5.51	2.74
1.67V	142	102	79.8	50.4	32.7	13.6	9.49	5.43	2.73
1.70V	133	100	78.5	49.1	31.8	13.6	9.49	5.39	2.73
1.75V	124	93.1	73.8	47.8	31.5	13.4	9.39	5.30	2.72
1.80V	111	86.6	69.4	46.5	31.0	13.2	9.23	5.20	2.62
1.85V	89	71.8	60.6	42.6	30.7	13.2	9.10	5.11	2.46

MAINTENANCE & CAUTIONS

Float Service:
- Every month, it is recommended the battery voltage is inspected
- Every three months, it is recommended that an equalization charge is performed

CHARGING

Limit initial current to 7.8A. Charge until battery voltage (under charge) reaches 14.4 to 14.7 volts at 68°F (20°C). Hold at 14.4 to 14.7 volts until current drops to under 260mA. Battery is fully charged under these conditions and charger should be disconnected or switched to “float” voltage.

Further Information

Please refer to our website www.amstron.com for a complete documentation, such as product catalogs, material safety data sheets (MSDS), ISO certification, UR certification, etc…

Contact Information

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