

RM12-12 (12V12AH) AGM - Standby Series

REMCO Specifications

Nominal Voltage	12V
Dimensions	151 (L) 98 (W) 95 (H) 101 (TH)
Weight (Kg)	3.5
Terminal	F2
Conatiner Material	ABS
Rated Capacity	12AH -0.60A (20hr 1.8V/cell at 25 °C)
Max. Discharge Current	180A (5s)
Internal Resistance	Approx 14mΩ
Operating Temp. Range	Discharge (-15 °C to 50 °C) Charge (0 °C to 40 °C)
Nominal Operating Temp. Range	25°C +- 3°C
Charging Cyclic Use	1 4.4V~15.0V at 25 °C (77 F)Temp. Coefficient -30mV/ °C
Initial Charging Current (Cyclic)	less than 3.6A.Voltage
Charging Standby Use	1 3.5V~13.8V at 25 °C (77 F)Temp. Coefficient -20mV/°C
Initial Charging Current (Standby)	No limit on Initial Charging Current Voltage
Storage Maintenance	6 months at 25 °C before float recharge required

- Applications**
General purpose
Uninterruptable Power Supply (UPS)
Electric Power System (EPS)
Emergency backup power supply
Emergency light
Alarm and security system
NBN Backup
Electronic apparatus and equipment
Communication power supply
DC power supply
Railway Signal
Aircraft Signal



Constant Current Discharge (Amperes) at 25 °C

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	22.9	15.2	12.5	11.00	9.00	7.04	5.83	3.58	2.70	2.22	1.88	1.63	1.300	1.080	0.594
1.80V/cell	27.4	18.2	14.7	12.60	10.10	7.73	6.31	3.84	2.88	2.36	1.98	1.70	1.340	1.120	0.600
1.75V/cell	32.8	20.9	16.4	13.90	10.80	8.27	6.67	4.00	2.98	2.42	2.03	1.75	1.380	1.140	0.606
1.70V/cell	38.1	23.3	18.0	15.10	11.50	8.67	6.96	4.14	3.05	2.47	2.08	1.79	1.400	1.160	0.617
1.65V/cell	42.0	25.3	19.3	16.2	12.10	9.10	7.20	4.27	3.14	2.54	2.12	1.82	1.420	1.180	0.625
1.60V/cell	46.3	27.4	20.8	17.1	12.80	9.40	7.49	4.38	3.21	2.60	2.17	1.86	1.450	1.200	0.629

Constant Power Discharge (Watts/cell) at 25 °C

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	42.6	28.4	23.6	20.8	17.1	13.50	11.30	6.96	5.26	4.33	3.69	3.20	2.56	2.140	1.180
1.80V/cell	49.5	33.4	27.2	23.6	19.0	14.70	12.10	7.41	5.58	4.59	3.86	3.33	2.65	2.210	1.190
1.75V/cell	58.8	37.9	30.0	25.8	20.2	15.7	12.70	7.69	5.75	4.68	3.95	3.42	2.71	2.260	1.200
1.70V/cell	67.3	41.7	32.7	27.8	21.4	16.3	13.20	7.94	5.88	4.78	4.04	3.48	2.75	2.290	1.220
1.65V/cell	73.1	44.6	34.7	29.5	22.4	16.9	13.60	8.17	6.02	4.88	4.11	3.54	2.79	2.320	1.230
1.60V/cell	79.2	47.5	36.6	30.6	23.3	17.5	14.10	8.33	6.13	4.99	4.18	3.61	2.84	2.350	1.240

T2 Terminal
Unit: mm

