

RM12-7.2 (12V7.2AH) AGM - Standby Series

REMCO Specifications

Nominal Voltage	12V
Dimensions	151 (L) 65 (W) 93.5 (H) 99 (TH)
Weight (Kg)	2.35
Terminal	F1 or F2
Container Material	ABS
Rated Capacity	7.2AH -0.36A (20hr 1.8V/cell at 25 °C)
Max. Discharge Current	108A (5s)
Internal Resistance	Approx 18mΩ
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 2.16A.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	16.6	12.7	10.2	8.86	6.52	4.78	3.82	2.21	1.67	1.37	1.15	1.00	0.796	0.658	0.355
1.80V/cell	19.8	14.0	11.3	9.52	7.00	5.07	4.06	2.32	1.72	1.41	1.19	1.03	0.814	0.672	0.360
1.75V/cell	22.1	15.3	12.1	10.01	7.30	5.25	4.17	2.40	1.77	1.44	1.21	1.05	0.828	0.682	0.367
1.70V/cell	24.1	16.4	12.9	10.52	7.57	5.41	4.30	2.45	1.81	1.47	1.23	1.06	0.840	0.692	0.372
1.65V/cell	26.2	17.3	13.5	11.0	7.80	5.52	4.37	2.49	1.84	1.49	1.25	1.08	0.850	0.699	0.375
1.60V/cell	27.6	18.0	13.9	11.2	7.93	5.62	4.44	2.53	1.87	1.51	1.27	1.09	0.858	0.705	0.378

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	31.5	24.2	19.7	17.3	12.8	9.42	7.56	4.40	3.33	2.74	2.32	2.02	1.61	1.333	0.721
1.80V/cell	37.2	26.7	21.8	18.4	13.7	9.95	8.02	4.61	3.43	2.81	2.37	2.06	1.64	1.355	0.728
1.75V/cell	41.1	28.9	23.1	19.3	14.2	10.3	8.22	4.74	3.51	2.87	2.42	2.10	1.66	1.372	0.740
1.70V/cell	44.5	30.7	24.4	20.2	14.7	10.6	8.45	4.84	3.58	2.92	2.45	2.12	1.68	1.386	0.746
1.65V/cell	47.8	32.1	25.4	21.0	15.0	10.7	8.54	4.89	3.63	2.96	2.48	2.15	1.70	1.398	0.751
1.60V/cell	49.8	33.0	25.9	21.2	15.2	10.8	8.63	4.95	3.67	2.98	2.51	2.16	1.71	1.406	0.755

F1 Terminal

