

RM12-33 (12V33AH) AGM - Standby Series

REMCO Specifications

Nominal Voltage	12V
Dimensions	195 (L) 130 (W) 164 (H) 168 (TH)
Weight (Kg)	10.5
Terminal	M5
Container Material	ABS
Rated Capacity	33AH -1.65A (20hr 1.8V/cell at 25 °C)
Max. Discharge Current	495A (5s)
Internal Resistance	Approx 12mΩ
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 9.9A.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	62.8	48.3	40.0	34.60	26.70	19.69	16.60	9.81	7.68	6.24	5.09	4.42	3.560	2.980	1.630
1.80V/cell	84.4	61.7	48.3	40.90	31.50	22.90	18.60	10.70	8.26	6.67	5.46	4.74	3.780	3.070	1.650
1.75V/cell	95.1	67.8	52.8	44.00	32.70	23.80	19.40	11.10	8.42	6.81	5.61	4.87	3.840	3.150	1.670
1.70V/cell	104.7	73.9	56.3	46.20	34.10	24.70	20.10	11.40	8.65	7.00	5.75	4.97	3.900	3.210	1.700
1.65V/cell	115.5	79.7	59.9	49.1	35.90	25.30	20.50	11.60	9.02	7.24	5.91	5.08	3.960	3.280	1.720
1.60V/cell	127.4	86.5	64.1	52.3	38.00	26.40	20.70	12.00	9.29	7.46	6.11	5.19	4.000	3.320	1.730

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	114.9	89.1	74.6	65.2	50.9	37.80	32.00	19.10	15.00	12.20	10.00	8.69	7.03	5.890	3.240
1.80V/cell	152.6	112.6	88.9	75.9	59.2	43.70	35.70	20.70	16.00	13.00	10.70	9.28	7.44	6.060	3.260
1.75V/cell	168.4	121.7	95.9	80.9	60.9	44.9	37.10	21.30	16.20	13.20	10.90	9.50	7.55	6.220	3.290
1.70V/cell	180.3	129.6	101.0	84.3	63.1	46.5	38.20	21.80	16.70	13.50	11.20	9.69	7.65	6.340	3.350
1.65V/cell	196.0	138.6	106.6	88.9	66.0	47.2	38.80	22.00	17.30	13.90	11.40	9.87	7.75	6.460	3.390
1.60V/cell	211.2	147.1	112.1	93.7	69.2	49.0	39.00	22.90	17.70	14.30	11.80	10.00	7.81	6.520	3.400

Terminal
Unit: mm

