

## RM12-17 (12V18AH) AGM - Standby Series

### REMCO Specifications

<b>Nominal Voltage</b>	12V
<b>Dimensions</b>	181.5 (L) 77 (W) 167.5 (H) 167.5 (TH)
<b>Weight (Kg)</b>	5.4
<b>Terminal</b>	T3
<b>Conatiner Material</b>	ABS
<b>Rated Capacity</b>	18AH -0.9A (20hr 1.8V/cell at 25 °C )
<b>Max. Discharge Current</b>	270A (5s)
<b>Internal Resistance</b>	Approx 16mΩ
<b>Operating Temp. Range</b>	Discharge (-15 °C to 50 °C ) Charge (0 °C to 40 °C )
<b>Nominal Operating Temp. Range</b>	25°C +- 3°C
<b>Charging Cyclic Use</b>	1 4.4V~15.0V at 25 °C (77 F)Temp. Coefficient -30mV/ °C
<b>Initial Charging Current (Cyclic)</b>	less than 5.4A.Voltage
<b>Charging Standby Use</b>	1 3.5V~13.8V at 25 °C (77 F)Temp. Coefficient -20mV/°C
<b>Initial Charging Current (Standby)</b>	No limit on Initial Charging Current Voltage
<b>Storage Maintenance</b>	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	33.9	25.6	22.7	19.90	15.30	11.40	9.11	5.51	4.13	3.35	2.84	2.47	1.960	1.630	0.884
1.80V/cell	40.8	30.2	25.9	22.10	16.70	12.20	9.79	5.85	4.34	3.51	2.94	2.55	2.020	1.670	0.900
1.75V/cell	45.8	33.0	27.8	23.40	17.40	12.80	10.20	6.07	4.49	3.60	3.03	2.62	2.060	1.700	0.918
1.70V/cell	49.9	35.4	29.7	24.70	18.10	13.20	10.60	6.27	4.63	3.69	3.09	2.67	2.090	1.720	0.929
1.65V/cell	53.8	37.7	31.1	25.8	18.90	13.80	10.90	6.44	4.73	3.77	3.14	2.71	2.120	1.740	0.938
1.60V/cell	57.9	39.6	31.9	26.4	19.30	14.00	11.10	6.59	4.82	3.84	3.20	2.74	2.150	1.760	0.945

### 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	64.0	48.8	43.6	38.5	29.8	22.30	17.90	10.90	8.21	6.68	5.68	4.95	3.95	3.290	1.790
1.80V/cell	76.3	57.2	49.5	42.7	32.4	23.90	19.20	11.50	8.59	6.98	5.86	5.09	4.04	3.360	1.810
1.75V/cell	84.8	62.0	52.8	44.8	33.6	24.9	20.00	11.90	8.87	7.14	6.02	5.21	4.11	3.390	1.820
1.70V/cell	91.1	65.6	55.7	46.8	34.7	25.6	20.60	12.20	9.06	7.25	6.08	5.27	4.15	3.420	1.830
1.65V/cell	96.6	68.8	57.5	48.4	35.8	26.3	21.00	12.50	9.19	7.35	6.15	5.32	4.18	3.430	1.840
1.60V/cell	101.5	70.8	58.0	48.7	36.0	26.5	21.30	12.70	9.31	7.45	6.22	5.33	4.21	3.450	1.850

**T3 Terminal**  
Unit: mm

