ES1265

Issue Date: 19/11/2026

Product Data Sheet

Issued By: R&J Batteries Pty Ltd

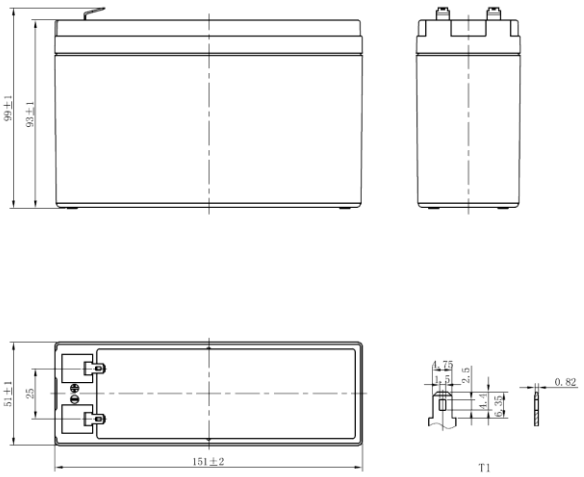
Predator AGM BATTERIES

Technical Information

The Predator ES1265 is an Absorbent Glass Mat (AGM) battery designed for general purpose & standby applications including UPS, communication & security systems.

The valve regulated, non-spillable design delivers outstanding cycle life and a low self discharge rate. The Predator ES series are manufactured in a facility which is ISO 9001, 14001 & 45001 certified.

For deep cycle applications, the Predator ED series are recommended.



Features & Benefits

- Heavy Duty, Non-Spillable Design
- Glass Mat Separator Construction
- High Energy Density
- Low Self Discharge
- 5 years design life (@25ºC)
- T1 Style Terminal

Technical Specifications

Battery Type	General Purpose AGM	**Case Material Colour**	ABS Blue Case, White Lid
Voltage	12V	**Charge Current**	Recommended: 0.6A Maximum: 1.8A
Capacity (20 Hr)	6.5Ah	**Charge Voltage**	14.1 – 14.7V @25ºC (Temp. Coeff. -30mV/ºC)
Internal Resistance (25ºC)	Approx. 20mΩ	**Float Voltage**	13.5 – 13.8V @25ºC (Temp. Coeff. -18mV/ºC)
Overall Size (LxWxTH ±2mm)	151 x 51 x 99mm	**Operating Temp. Charge**	-20 to 40ºC
Nominal Weight	1.97kg	**Operating Temp. Discharge**	-15 to 50ºC

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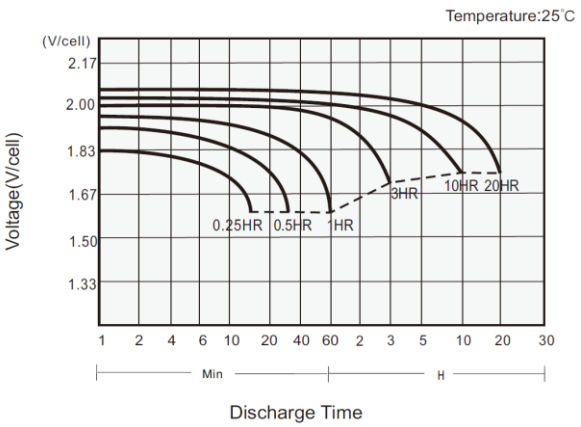
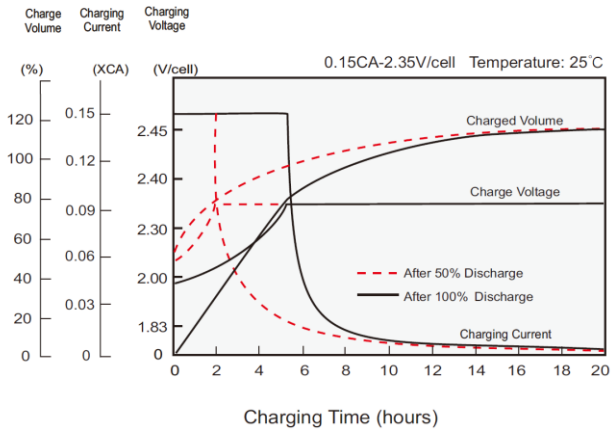
Discharge Table

Constant Current Discharge (Amperes) at 25°C (77°F)																
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	27.3	17.2	12.7	10.9	7.83	5.56	4.42	3.17	2.43	1.71	1.33	1.09	0.932	0.723	0.598	0.319
1.80V/cell	28.9	17.9	13.4	11.3	8.07	5.71	4.53	3.24	2.48	1.78	1.38	1.13	0.964	0.752	0.614	0.321
1.75V/cell	30.4	18.7	13.8	11.6	8.28	5.83	4.63	3.30	2.57	1.82	1.41	1.16	0.986	0.772	0.631	0.325
1.70V/cell	32.0	19.5	14.2	11.9	8.49	5.97	4.71	3.35	2.60	1.84	1.43	1.17	1.00	0.784	0.644	0.333
1.67V/cell	33.2	20.3	14.6	12.2	8.64	6.06	4.78	3.39	2.63	1.86	1.45	1.20	1.01	0.788	0.650	0.338
1.60V/cell	35.9	21.5	15.1	12.6	8.88	6.22	4.91	3.47	2.67	1.91	1.47	1.22	1.02	0.813	0.663	0.345
Constant Power Discharge (Watts/cell) at 25°C (77°F)																
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	50.7	32.5	24.1	20.8	15.0	10.7	8.55	6.16	4.73	3.36	2.64	2.18	1.88	1.48	1.23	0.670
1.80V/cell	53.0	33.8	25.3	21.5	15.4	11.0	8.73	6.25	4.81	3.47	2.72	2.23	1.92	1.52	1.26	0.668
1.75V/cell	55.3	35.1	26.0	22.0	15.8	11.2	8.87	6.35	4.96	3.54	2.75	2.26	1.95	1.55	1.28	0.671
1.70V/cell	57.2	36.2	26.7	22.5	16.1	11.4	9.01	6.45	5.01	3.57	2.78	2.29	1.96	1.56	1.30	0.684
1.67V/cell	58.6	37.3	27.2	22.9	16.3	11.5	9.14	6.52	5.06	3.60	2.82	2.34	1.98	1.56	1.30	0.684
1.60V/cell	62.7	39.1	28.0	23.5	16.7	11.7	9.32	6.63	5.11	3.68	2.85	2.37	2.00	1.59	1.31	0.691

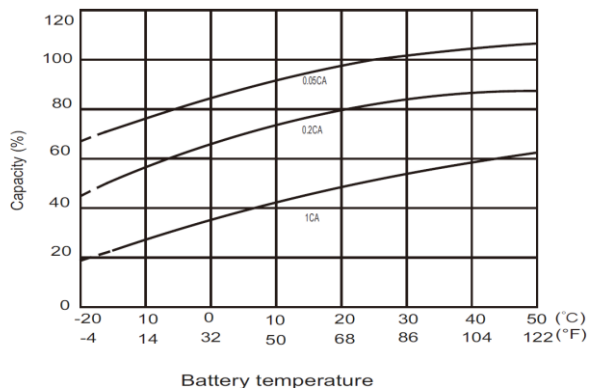
Discharging Characteristics



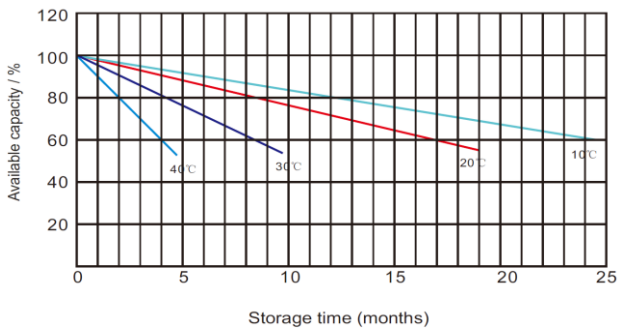
Charging Characteristics



Temperature vs Capacity



Self Discharge Characteristics



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