

EverExceed®
power your applications

Deep Cycle AGM Range VRLA



DEEP CYCLE AGM RANGE VRLA 18Ah to 400Ah @ C20 SEALED VRLA MONOBLOC AGM BATTERIES

The extremely powerful, compact AGM VRLA batteries of EverExceed Deep Cycle AGM Range are an ideal energy source for durability in Photovoltaic, Wind and Telecom applications, the EverExceed top terminal Deep Cycle AGM Range provides high performance and reliability in long duration cycling applications. Our development team combines the market demand with design optimization, precision component selection and state-of-the-art manufacturing process to produce the most cost effective battery solution for today applications.

Applicable Operating temperature range:
-40°C (-40°F) to +70°C (+158°F)

Ideal Operating temperature range:
+20°C (+68°F) to +30°C (+86°F)

Storage time from a fully charged condition:
12 months at 20°C-25°C / 68°F-77°F.

For each 9°C / 15°F rise, reduce the storage time by half.

Applications

Deep Cycle AGM range batteries Incorporate EverExceed advanced VRLA technology designed for long life and high performance in:

Solar / Photovoltaic	Water Pumping
Wind Generation	Telecommunications
Broadband	Cathodic Protection
Microwave	Signaling
UPS/EPS	

Compliant Standards

IEC 60896-21/22-2004	IEC 61427-2005
DIN 43539-T5	YD/T 1360-2005
GB/T 22473-2008	UL Compliant
BS 6290 PART 4	

Innovative Features

- ◆ Thick positive plate design and high Tin alloy-12 years design life @ 20°C(68°F).
- ◆ Valve regulated lead acid battery (VRLA), deep cycle design.
- ◆ High-Compression Absorbed Glass Mat technology (AGM) for greater than 99% recombination efficiency.
- ◆ Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection.
- ◆ Operates at a low internal pressure.
- ◆ Heavy duty insert copper terminals for ease of assembly, reduced maintenance and increased safety.
- ◆ Advanced lead tin calcium alloy, reduces grid corrosion and promotes long battery life.
- ◆ Standard: Reinforced ABS (UL 94HB) container and cover.
Optional: Flame-retardant reinforced ABS container and cover compliant with U.L.94 V-0 with an Oxygen limiting Index of greater than 28%.
- ◆ Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- ◆ Flame arresting, low pressure safety release venting system for individual cells, recognized per U.L. 924.
- ◆ Multicell design for ease of installation and maintenance.
- ◆ Very low self-discharge rate <3% per month.
- ◆ Horizontal or vertical operation.
- ◆ UL Recognized component.

Designed in Quality Manufacturing

Quality manufacturing processes for the Deep Cycle AGM Range batteries incorporate the industry most advanced technologies including: an automated sealing detection system, a computer controlled "fill by weight" acid filler, and a temperature controlled water bath formation process. Each and every unit is capacity tested.

No transport restrictions

Surface transport. Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189.

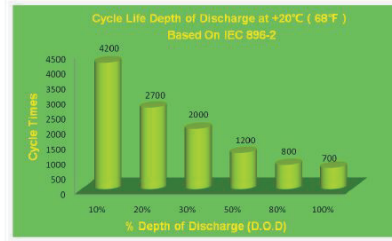
Marine transport. Classified as non-hazardous material as per IMDG amendment 27.

Air transport. Complies with IATA/ICAO, Special provision A67.



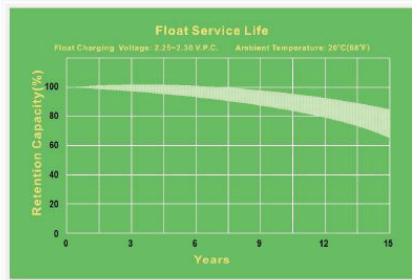
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TYPICAL CYCLIC PERFORMANCE

CAPACITY WITHDRAWN	CYCLES
100%	700
80%	800
50%	1200
20%	2700
10%	4200

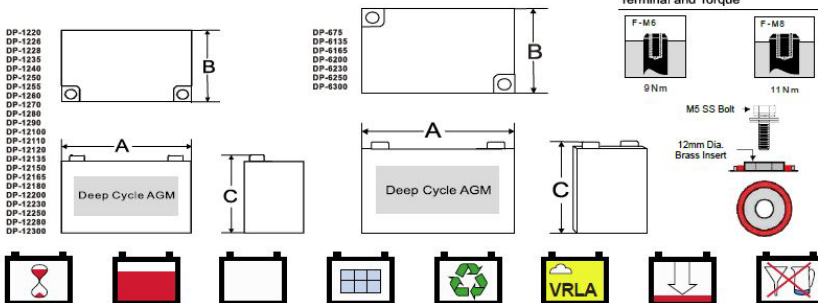


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Deep Cycle AGM Range Electrical Specifications & Dimensions

Battery Model	Nom. Voltage (V)	Capacity C20 1.75V/PC @ 20°C	Capacity C100 1.75V/PC @ 20°C	Short Circuit Amps	Internal Resistance MΩ-ohms	Terminal Type	Battery Weight (kg/lb)	Outline Dimensions (mm/inch)						
								Length		Width		Height		
DP-1218	12	15	19.8	630	15	F-M5	5.4	11.9	181	7.13	76	2.99	167	6.57
DP-1220	12	20	22	818	13	F-M5	6.0	13.2	181	7.13	76	2.99	167	6.57
DP-1226	12	26	28.6	1182	12	F-M5	8.0	17.6	175	6.89	166	6.54	126	4.96
DP-1228	12	28	30.8	1195	11.5	F-M5	8.2	18.0	175	6.89	166	6.54	126	4.96
DP-1235	12	35	38.5	1500	10	F-M6	10.5	23.1	195	7.68	130	5.12	154	6.06
DP-1240	12	40	44	1700	8.8	F-M6	13.2	29.0	197	7.76	185	6.5	172	6.78
DP-1250	12	50	55	1750	7.5	F-M6	14	30.8	197	7.76	165	6.5	172	6.78
DP-1255	12	55	60.5	1800	7.0	F-M6	16.5	36.3	230	9.06	137	5.39	210	8.27
DP-1260	12	60	66	1900	6.6	F-M6	19.5	42.9	350	13.8	168	6.62	178	7.01
DP-1270	12	70	77	2000	6.0	F-M6	21	46.2	350	13.8	168	6.62	178	7.01
DP-1280	12	80	88	2100	5.6	F-M6	22	48.4	259	10.2	168	6.62	215	8.5
DP-1290	12	90	98	2400	5.2	F-M6	22.5	49.5	259	10.2	168	6.62	215	8.5
DP-12100	12	100	110	2650	4.3	F-M6	26.5	58.3	305	12	168	6.62	215	8.5
DP-12110	12	110	121	2900	4.0	F-M6	29	63.8	305	12	168	6.62	215	8.5
DP-12120	12	120	132	3000	3.5	F-M8	31	68.2	332	13.1	174	6.86	220	8.67
DP-12135	12	135	148	3300	3.1	F-M8	35.5	78.1	408	16.1	175	6.9	210	8.27
DP-12150	12	150	165	3750	2.8	F-M8	41	90.2	340	13.4	173	6.81	288	11.3
DP-12165	12	165	181	4200	2.7	F-M8	44	96.8	480	18.9	170	6.7	240	9.45
DP-12180	12	180	198	4700	2.6	F-M8	49	107.8	530	20.9	210	8.27	220	8.67
DP-12200	12	200	220	5400	2.6	F-M8	55	121.0	530	20.9	210	8.27	220	8.67
DP-12230	12	230	253	5400	2.5	F-M8	61	134.2	520	20.5	238	9.37	220	8.67
DP-12250	12	250	275	5600	2.3	F-M8	61.5	135.3	520	20.5	289	10.8	210	8.27
DP-12280	12	280	308	6100	2.2	F-M8	68.5	150.7	520	20.5	269	10.6	225	8.86
DP-12300	12	300	330	6300	2.0	F-M8	74	162.8	520	20.5	269	10.6	225	8.86
DP-675	6	75	82	1800	3.8	F-M6	10.3	22.7	185	7.3	112	4.39	205	8.06
DP-6135	6	135	148	3200	3.5	F-M6	16	35.2	195	7.68	170	6.69	210	8.27
DP-6165	6	165	181	4500	3.2	F-M6	23.5	51.7	260	10.2	180	7.09	252	9.92
DP-6200	6	200	220	4800	3	F-M6	27	59.4	306	12	168	6.61	225	8.86
DP-6230	6	230	253	5000	2.5	F-M6	31	68.2	322	12.7	178	7.01	230	9.06
DP-6240	6	240	264	5200	2.3	F-M8	33	72.6	243	9.57	189	7.40	275	10.8
DP-6250	6	250	275	5600	2.2	F-M8	33.5	73.7	322	12.7	178	7.01	230	9.06
DP-6300	6	300	330	6000	2.0	F-M8	42.0	92.4	295	11.6	178	7.01	345	13.6
DP-6330	6	330	363	6600	1.8	F-M8	44.0	96.8	295	11.6	178	7.01	345	13.6
DP-6400	6	400	440	8000	1.5	F-M8	55.0	121.0	295	11.6	180	7.09	426	16.8



03

مبيعات تعمير / عدن 77622522
مبيعات صنعاء / الحديدة 77622922

صنعاء - شارع الجزائر - تقاطع الدائري - 01/446460 - 01/446461
تعمرز - الحصن - أسفل جامع الشيباني 04/248044

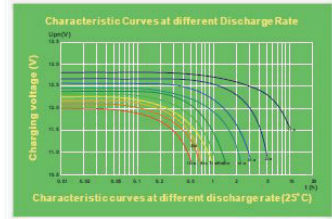
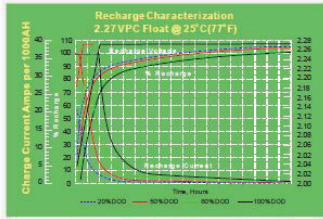
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النظمة الطاقة الشمسية
For Solar System Applications

Deep Cycle AGM Range VRLA

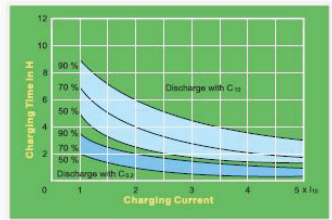
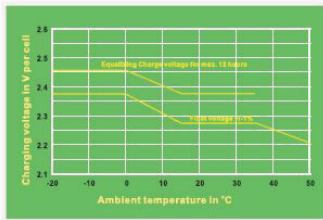
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Float Voltage & charging

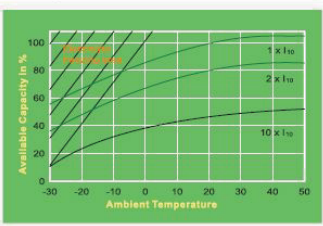
Constant Voltage charging is recommended
Recommended float voltage: 2.27VPC @ 25°C (77°F)
Float Voltage Range: 2.25VPC to 2.30 VPC @ 25°C (77°F)
Equalize voltage: 2.35VPC for 12 Hours

Temperature compensation:
Apply for temperature range of 0°C / 32°F to 40°C / 104°F. Sub tract 3 mV / °C / cell or 1.7 mV / °F / cell, above 25°C / 77°F. Add 3mV / °C / cell or 1.7 mV / °F / cell, below 25°C / 77°F.

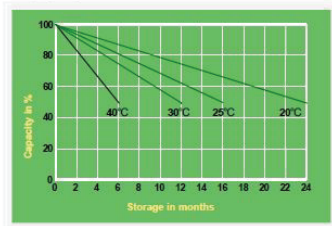


For charging 2.27 V/cell is recommended. The charging voltage must be compensated according to the curve for continuously different battery ambient temperature.

Recharging time in dependence of charging current (guide values) for up to 50, 70 and 90% of capacity at 25°C and with a charging voltage of 2.27 V/cell.



Extracted capacity in relation to the temperature.



Self-discharge in relation to the storage temperature.

تنشيط Windows

يتمثل في التنشيط



بيعتات تعمير / عدن 776222522
بيعتات صنعاء / الحديدة 776222922

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