

# DISCOVER DRY CELL AGM DUAL PURPOSE

Discover's next-generation of  
DRY CELL AGM Dual-Purpose batteries



### Wide Temperature Range

Reliable performance indoors and outdoors, across various temperatures.

### Partial State of Charge Conditions

Consistent power and performance, even with varying charge levels.

### Frequent Vibration

Robust construction for durability and reliable operation under high vibration.

**DRY CELL AGM DUAL PURPOSE** batteries are built for tough environments, delivering reliable starting power and cycling performance to support productivity.

## DRY CELL AGM **DUAL PURPOSE**

Part Number	Industry Reference	Volt	C20	RC	CCA	Length		Width		Height*		Weight	
			1.80 VPC 25°C			(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
DCM24	24	12	85	155	525	10.2	258	6.8	172	8.4	214	52.9	24
DCM27	27	12	105	195	700	12.1	308	6.8	172	8.3	212	61.7	28
DCM31	31	12	115	235	850	13.0	330	6.8	172	8.5	216	70.5	32
DCM4D	4D	12	240	515	1200	20.6	524	8.9	225	8.7	222	138.9	63
DCM4DR	4D	12	240	515	1200	20.6	524	8.9	225	8.7	222	138.9	63
DCM8DS	8D	12	260	600	1450	20.6	522	10.8	275	8.7	222	172.0	78
DCM8DRS	8D	12	260	600	1450	20.6	522	10.8	275	8.7	222	172.0	78

\* Height refers to the distance from the bottom to the top of the case and does not include the terminals.

\* Other terminal options available upon request.



### POLYPROPYLENE CASE

- High heat resistance and durability
- High precision pressure relief valves reduce water loss and extend life
- Integrated flame arrestors to prevent fire and explosion



### AUTOMATED THROUGH-THE-PARTITION WELD

- Improved intercell weld consistency, and less lead waste than the manual welding process
- Supports high current loads and lowers internal resistance



### CARBON BOOST

- Carbon additives increase duty cycle performance, charge acceptance, and partial state of charge operation



### ENHANCED ALLOYS

- Thick plates with graphite enhanced alloys deliver maximum runtime over operational life



### HYDRO POLYMER

- Organic capillary separators with hydropolymer electrolytes resist dry-out and prevent thermal runaway
- Maintains performance characteristics over operational life

## PRODUCT FEATURES



#### ENHANCED RUN TIME

- High Amp Hour capacity
- High operational voltage over their lifetime
- 50% DoD above 2.05 VPC



#### EXTENDED SERVICE LIFE

- Long life superior to flooded/AGM/Gel deep-cycle batteries
- 700+ cycles 60% DoD (IEC 896-2 Stationary Lead-Acid)
- 1,400+ cycles 50% DoD (BCIS-06 Deep-Cycle Lead-Acid)



#### RESILIENCE

- Partial stage of charge operation superior to AGM
- Intense duty cycling superior to AGM/Gel
- Overcharge and over-discharge resilience superior to AGM



#### EXTREME TEMPERATURES

- High-temperature life superior to AGM
- Low-temperature operation superior to Flooded/AGM/Gel



#### VIBRATION RESISTANT

- Vibration resistance superior to AGM/Gel
- Vibration shock tested (IEC 61373, DIN EN 61373, SAE J537)



#### TRUSTED OEM PART

- Exceeds OEM specifications
- Innovative technology
- Global service and support



#### RELIABLE, SAFE, CERTIFIED

- Valve Regulated Lead-Acid, DRY CELL AGM
- Maintenance-free, nonspillable, no-gassing
- Spark and explosion tested (SAE J1495)



SCAN ME



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