

CAPACITY TO 1.75VPC @ 20°C	
AH (5hr)	21.6
Ah (10hr)	25.2
Ah (20hr)	28.0

DIMENSIONS		
	Imperial	Metric
	Inches	mm
Length	6.54	166
Width	4.96	126
Total Height	6.93	176
	lbs	Kg
Weight	20.9	9.5
ELECTRICAL PROPERTIES		
CCA @ -18°C	190 Amps	
Short Circuit Voltage	1100 Amps	
Internal Resistance	0.0108 Ohms	

DENKA EVO GEL (DEG) Range of batteries have been formulated to give the very best in Deep Cycle Performance and Longevity.



Features

- Excellent Deep Cycle Ability
- Spill Proof and Leak Proof (No Transport Restrictions)
- Vacuum Filled thixotropic GEL Electrolyte
- Heavy Duty Thick Positive Plates
- 12 Year Design Life (in float applications)
- Up to 1000 Cycles @ 80% D.O.D

Applications include :

- Mobility
- Solar /Photovoltaic
- Golf
- Marine
- Wind Generation
- Telecommunication
- Industrial
- and many others

PRODUCT DIAGRAM



Operating Temperature Range	: -40°C to 60°C
Ideal Operating Temperature Range	: 20°C to 25°C
Float Charging Voltage	: 13.5V to 13.8V DC / Unit @ 25°C
Cycle Service Charging Voltage	: 14.1V to 14.4V DC / Unit @ 25°C
Maximum Charging Current Limit	: 0.25C20 Amps (7Amps @100% Depth of Discharge) @20hr rate
Self Discharge	: DEG Series may be stored for up to 24 months @ 20°C, then a refresh charge required : For higher temperatures , storage time is reduced
Terminal	: Threaded Copper Alloy Insert Terminal (9Nm tightening)
Electrolyte	: Sulfuric Thixotropic gel
Container	: Reinforced ABS (UL V-0 available on request)

Constant Power Discharge Ratings - Watts Per Cell (wpc) @ 20°C										
End Point Volts/Cell	Time (hours)									
	1.5	2	3	4	5	8	10	12	20	24
1.85	17.30	16.30	12.00	9.44	7.86	5.52	4.58	3.90	2.57	2.20
1.80	20.40	17.20	12.50	10.00	8.28	5.83	4.84	4.15	2.71	2.30
1.75	20.80	16.60	12.00	9.47	7.89	5.52	4.61	3.93	2.58	2.19

Constant Current Discharge Ratings - Amperes @ 20°C										
End Point Volts/Cell	Time (hours)									
	1.5	2	3	4	5	8	10	12	20	24
1.85	10.00	8.45	6.11	4.82	3.98	2.78	2.29	1.95	1.29	1.10
1.80	10.60	8.99	6.46	5.12	4.22	2.95	2.46	2.09	1.36	1.15
1.75	10.90	9.21	6.64	5.22	4.33	3.03	2.52	2.14	1.40	1.18

Specifications are subject to change without notification. E&OE