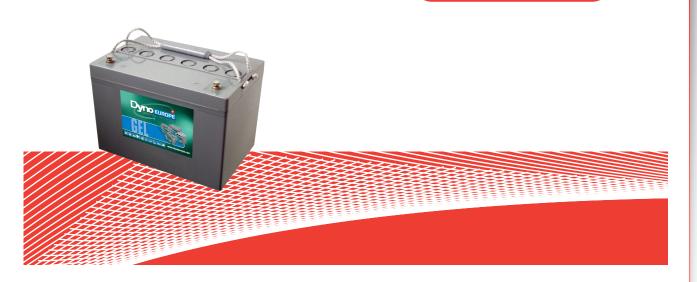
TECHNICAL DATA SHEET

DGY12-60

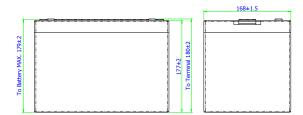


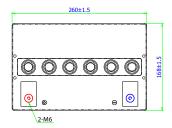
Specifications

	Dimensions mm - kg							Dimensions Inches - lbs						Cold Cranking Amps		
			Height	Height	Height				Height	Height	Height		20°C	0°C	-18°C	
	Length	Width	Auto	Insert	Battery	Weight	Length	Width	Auto	Insert	Battery	Weight	(68°F)	(32°F)	(0°F)	
DGY12-60	260	168	197	180	179	22.1	10.24	6.61	7.76	7.09	7.05	48.7	686	563	420	

			Reserve Capacity - Mins					Capacity - Ampere Hour*							
	Volts	Thread size mm	75 Amps	25 Amps	20 Amps	15 Amps	8 Amps	100 Hr	48 Hr	20 Hr	10 Hr	5 Hr	3 Hr	1 Hr	
DGY12-60	12	6	28	115	155	218	458	82.4	77.5	71.6	64.1	57.7	50.2	39.4	

Dimensions





Applications









CYCLIC

STATIONARY

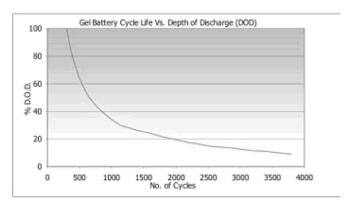
SOLAR

MARINE

TECHNICAL DATA SHEET

DGY12-60

Charging



Nominal voltage 6 & 12 volts

Design life 12 Years @ 20°C

Operating temperature -10 °C to 50°C

Grid alloy Calcium / Tin lead alloy

Plates Flat pasted

Separator Microporous Duroplastic
Active Material Very high purity lead
Case and cover ABS (VO on request)
Charge voltage Float 2.27 - 2.30 VPC @ 20°C

Cycling 2.40 @ 20°C

Max. 2.4 VPC Max ripple 3.5%

Charging V

Electrolyte Sulphuric acid analytical grade

purity

CHARGING CHARACTERISTICS

Floating - The optimum float voltage for a battery is temperature dependant, at 15 - 24° C the recommended value is 2.27 - 2.30V. It is recommended that battery installation sites are temperature controlled, however float voltage can be increased or decreased to compensate for temperature variations. Adjustment is calculated at +/- 3 mV per degree C.

Operating Temperature	Recommended Applied Float Voltage VPC						
0-9	2.33-2.35						
10-14	2.30-2.33						
15-19	2.27-2.30						
20-24	2.27-2.30						
25-29	2.25-2.27						
30-34	2.23-2.25						
35-40	2.21-2.23						

The most suitable charging method for battery life and performance is the constant voltage method with a limited initial current, usually limited to a maximum of $C_{20}/4$. For cyclic use we specify a short constant current phase at the end of normal charging, consult us for further details.

Charging - To obtain maximum cycle life from your battery, it is important that a suitable charging profile is used. For information about our range of chargers and our recommended charging profile, please contact us.