

Elecsol Carbon Fibre Batteries

Elecsol's new range of carbon fibre batteries are fully maintenance free, offering ultimate convenience for the user. Suitable applications include solar & wind systems, marine, leisure and industrial power.

As proven over the past decade, Elecsol's unique carbon fibre technology produces an excellent battery at a competitive price. Millions of strands of carbon fibre are incorporated into the plates which results in higher strength, lower weight, larger effective surface area and no sulphation.

The Elecsol batteries are smaller than most other types, enabling a larger capacity battery to be used in applications where space is limited.

Longest battery life will be achieved by use of a good quality charger, not cycling beyond 50% of capacity and in most applications we recommend using a low volt disconnect (LVD) unit to prevent over discharge.



Specifications:

Elecsol 12v Batteries	Capacity @ C20	Dimensions	Weight
Elecsol 70	70 Ah	242 (L) x 175 (W) x 190 (H) mm	16.5 kg
Elecsol 100	100 Ah	278 (L) x 175 (W) x 190 (H) mm	19.6 kg
Elecsol 110	110 Ah	353 (L) x 175 (W) x 190 (H) mm	25.2 kg
Elecsol 125	125 Ah	344 (L) x 172 (W) x 235 (H) mm	28.5 kg
Elecsol 220	220 Ah	513 (L) x 223 (W) x 223 (H) mm	49.0 kg
Elecsol 270	270 Ah	513 (L) x 270 (W) x 240 (H) mm	62.2 kg

Charging & cycling data:

Bulk/Absorb Charge	Max 14.8v	Min 14.0v
Float Charge	Max 13.7v	Min 13.2v
Approx Cycling Life	50% DOD	1000 cycles
	80% DOD	750 cycles
Design Life - Average	5 to 7 years	

