

SOLAR BATTERIES - LOW COST

General Description

The Willard solar pack comes in a low maintenance 12 volt 90 A/h high cycle monoblock. Cycle life is the main feature of this product which is ideal for remote low cost installations.

Where a battery life of three to four years is acceptable, this product can be used. If a longer life battery is required, see the TL6 and Tubular Products information sheet.

Product Type: 774/790

Grids: Positive: Low antimonial lead pasted grid of high cycle active material
Negative: Low antimonial lead pasted grid
Separators: Polyethylene pocket separators on positive plates
Electrolyte: 1,260 @ 25°C +/- 0,01
Capacity: 90 A/h @ 20 hour rate @ 25°C

Voltage on charge: Solar

Floating: 2,3 VPC @ 25°C - i.e. 13,8 volts
Boost: 2,35 - 2,4 VPC @ 25°C - i.e. 14,1 - 14,4 volts
Discharged: 1,75 VPC @ 25°C - 10,5 volts

Terminals: Flag type positive and negative

Weight: Filled = 28kgs

Dimensions: Length: 345mm overall
Width: 173mm overall
Height: 235mm overall

Case: High density polypropylene semi-transparent

Plates: 15 Total number

Expected Life Cycle: 10% duty = 800 cycles @ 25° C

40% duty = 350 cycles @ 25° C

80% duty = 50 cycles @ 25° C

Height of electrolyte over plates is 40mm.

