

SOLAR BATTERIES – MAINTENANCE FREE SEMI-SEALED

General Description

The Willard solar pack comes in a low maintenance 12 volt 105A/h high cycle monoblock. Cycle life is the main feature of this product, which is ideal for low cost installations.

Where a battery life of three to four years is acceptable, this product can be used.

Product Type: Solar 105

Grids: Positive: Low antimonial lead pasted grid of high cycle material
Negative: Lead calcium pasted grid
Separators: Polyethylene pocket separators on positive plates
Capacity: 95A/h @ 20 hour rate @ 25°C
105A/h @ 100 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: 8mm threaded stud

Weight: Filled = 28kgs

Dimensions: Length: 345mm overall

Width: 175mm overall

Height: 264mm overall

Case: High density polypropylene

Plates: 16 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

