

# SOLAR BATTERIES



ISO 9001

## NEUTON SOLAR (NS) SERIES

*Batteries you can rely on for your remote area power systems*

### Specifications

Deep Cycle Vented (Flooded) Cells

Available in 4 Volt and 6 Volt trayed battery systems up to 1700 Ah

Long Life OPzS tubular plate cell design

### Features

Rugged impact resistant tray systems made of polyethylene, specifically designed for remote area power systems

Easy to install

Packaged in solid timber crates for transport

Excellent cycle life

Electrolyte level indicators

Minimal water loss

Optional single point watering kits available

Manufactured under a certified ISO9001 quality system

Neuton Power brand, exclusive to YHI Power.



YHI

# NEUTON SOLAR

## Applications

- Solar • Wind Power • Hybrid Applications • Other Deep Cycle

## Electrical Specifications\*

Battery Model No.	Nominal Voltage (Volts)	C <sub>120</sub> to 1.85 Vpc	C <sub>100</sub> to 1.85 Vpc	C <sub>24</sub> to 1.85 Vpc	C <sub>10</sub> to 1.80 Vpc	Short Circuit Current (Amps)
NS6-830	6	865	830	676	588	4300
NS6-1000	6	1050	1000	792	720	4400
NS4-1350	4	1405	1350	1066	960	4730
NS4-1700	4	1770	1700	1320	1200	5240

## Physical Specifications

Standard tray dimensions for all models – 535mm L x 245mm W x 725mm H

All systems supplied complete with tray, lid, batteries and accessories

Weights (kg)	
NS6-830	142
NS6-1000	163
NS4-1350	153
NS4-1700	180

Tray material: polyethylene

Electrolyte density: 1260kg/m<sup>3</sup>

Cycle Life* at 10Hr Discharge Rate
1500 Cycles to 80 % DOD
2600 Cycles to 50 % DOD
3800 Cycles to 30 % DOD
5400 Cycles to 20 % DOD
9600 Cycles to 10 % DOD

\*Quoted cycle life and capacities based on ambient temperature of 25°C and dependent on operation in accordance with manufacturer's recommendations. Specifications are subject to change without notice.

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