



NEUTON SOLAR SERIES

Batteries you can rely on for your remote area power systems



NS4-1350

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

Manufactured under a certified ISO9001 quality system

Neutron Power brand, exclusive to YHI Power.





NEUTON SOLAR

APPLICATIONS

Solar, Wind Power , Hybrid Applications , Other Deep Cycle

ELECTRICAL SPECIFICATIONS

| Battery Model No. | Nominal Voltage (Volts) | C ₁₂₀ to 1.85 Vpc | C ₁₀₀ to 1.85 Vpc | C ₂₄ to 1.85 Vpc | C ₁₀ 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 |

INDIVIDUAL TRAY DETAILS

Standard Tray Dimensions – 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 |

Electrolyte density : 1260 kg m³

Tray : Material – polyethylene

Performance Specifications :

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.



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NS6-1000

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