



**solarcentury**

## Sharp ND Series



Sharp's NDQ2E3E / ND162E1 photovoltaics module is designed for large electrical power requirements. Based on the technology of crystal silicon solar cells cultivated for over 40 years, this module has superb durability to withstand rigorous operating conditions and is suitable for grid connected systems.

### **Applications:**

- Grid connected residential systems
- Office buildings
- Solar power stations
- Solar villages
- Villas, mountain cottages
- Pumps
- Lighting equipment
- Traffic signs
- Radio relay stations
- Beacons
- Telemeter systems
- Telecommunication systems

### **Features**

- High-power module (162W) using 155.5 mm square polycrystalline silicon solar cells with 12.2 % module conversion efficiency
- Photovoltaic module with bypass diode minimizes the power drop caused by shade. Anti Reflection coating and BSF (Black Surface Field) structure to improve cell conversion efficiency: 13.8 %
- Using white tempered glass, EVA resin, and a weatherproof film along with an aluminium frame for extended outdoor use
- High-voltage output for grid-connected system
- Output terminal: Lead wire with waterproof connector
- NDQ2E3E: manufactured in Japan & ND162E1: manufactured in UK. Apart from the place of manufacture the models are identical in construction

Manufacturer	Sharp
Country of Origin	Japan / UK
Rating (W)	162
Height (mm)	1318
Width (mm)	994
Depth (mm)	46
Weight (Kg)	16