



80W photovoltaic panel parameters





Overview

Technical parameter Maximum Power(W) 80W Optimum Power Voltage(Vmp) 15.58V Short Circuit Current(Isc) 5.59A Mechanical Characteristics Cell Type Monocrystalline 125x125mm (5 inch) No of Cell 36 (4x9pcs). Our range of solar panels are constructed from ultra-efficient polycrystalline and have been designed to provide a reliable and cost-effective alternative energy solution for applications where mains power is either not available, or not desirable. Using breakthrough technology perfected by Sharp's nearly 45 years of research and development, these modules use a textured cell surface to reduce reflection. Dimensions in brackets are in inches. It also provides a continuous trickle feed to maintain and extending the life of any 12V battery. We recommend the STCC10 or the MPPT Pro Charge Controller.



80W photovoltaic panel parameters



Rigid Solar Panel

The panel includes bypass diodes to minimise the effect of shadows and is supplied with all a 5m cable, connectors and detailed installation instructions for permanent fitting.

MonoCrystalline 80WSolarPanel

m Other off-grid applications STC:Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C * Specifications are subject to chan. 0[25.20] 4-(9*14) [0.35*0.55] Dimensi. ns in brackets are in ...



Mono-Crystalline 80W Solar Panel

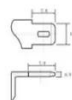
Technical parameter Maximum Power(W) 80W Optimum Power Voltage(Vmp) 15.90V Optimum Operating Current(Imp) 5.03A Open Circuit Voltage(Voc) 18.58V Short Circuit Current(Isc) 5.59A ...

80W Solar Panel , Invensun

Invensun Sundragon Premium Grade Solar Panels are designed and built under stringent quality control standards ensuring the highest-quality construction. Invensun solar panels ensure that, year-over ...



12.8V6Ah



Nominal voltage (V):12.8
 Nominal capacity (Ah):6
 Rated energy (Wh):76.8
 Maximum charging voltage (V):14.6
 Maximum charging current (A):5
 Floating charge voltage (V):13.6-13.8
 Maximum continuous discharge current (A):10
 Maximum peak discharge current @10 seconds (A):20
 Maximum load power (W):100
 Discharge cut-off voltage (V):10.8
 Charging temperature (°C):-50-+50
 Discharge temperature (°C):-20-+60
 Working humidity: <95% R.H (non condensing)
 Number of cycles (25 °C, 0.5c, 100%DoD): >2000
 Cell combination mode: 32700-4s1p
 Terminal specification: T2 (6.3mm)
 Protection grade: IP65
 Overall dimension (mm):50*70*107mm
 Reference weight (kg):0.7
 Certification: un38.3/msds



Monocrystalline Solar Panel 80W PMS80W Datasheet

Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline. High module conversion efficiency (up to 16.58%), through innovative manufacturing technology. ...

Monocrystalline photovoltaic panel

Monocrystalline photovoltaic panel 80W Power Tolerance: +3% Independently researched anti-reflective and self-cleaning glass surface reduces energy loss from dirt and dust. Excellent low light ...



NE-80EIU Solar Specification Sheet

High-power module (80W) using 125mm square multi-crystal silicon solar cells with 12.60% module conversion efficiency. Photovoltaic module with bypass diode minimizes the power drop caused by ...



80W Solar panel specifications



80W Solar panel specifications Our range of solar panels are constructed from ultra-efficient polycrystalline and have been designed to provide a reliable and cost-effective alternative energy ...



NE-80EJE Spec Sheet

Sharp's NE-80EJE photovoltaic modules offer industry-leading performance, durability, and reliability for a variety of electrical power requirements using breakthrough technology perfected by Sharp's ...

[80W photovoltaic panel parameters and specifications](#)

This paper analyses photovoltaic panels (PVP) in order to identify the best values of their various nominal (rated) parameters in terms of lifetime and efficiency.





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