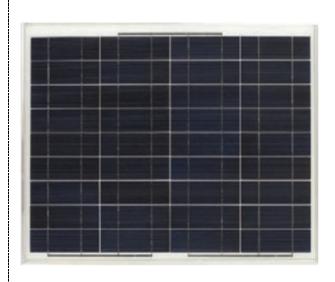
#### **50-55 WATT**

### **60-65 WATT**





#### 80 WATT

100-110 WATT





#### **60 Watt Specifications**

## Electrical Parameters All data refers to STC (AM 1.5, 1000 W/m<sup>2</sup>, 25°C)

Peak Power (0-4.99Wp) Pmax(Wp)	60	65
Maximum Voltage V <sub>mpp</sub> (V)	18.04	18.12
Maximum Current Impp(A)	3.3	3.6
Open Circuit Voltage V∞(V)	21.66	22.13
Short Circuit Current Isc(A)	3.67	3.85
Module Efficiency (%)	12.83	13.90

<sup>1)</sup> Tolerance ± 3% except Pmax

### Temperature Coefficients (Tc) and permissible operating conditions

Tc of Open Circuit Voltage (8)	-0.31 % /°C	
Tc of Short Circuit Current (α)	0.058 % /°C	
Tc of Power (Y)	-0.41 % /°C	
Maximum System Voltage	1000 V	
NOCT	45°C ± 2°C	
Temperature Range	-40°C to + 85°C	

NOCT irradiance 800 W/m2, ambient temperature 20°C, wind speed 1 m/sec

## **Mechanical Data**

Length x Width x Height	702mm x 666mm x 34mm
Weight	5.3kg
Junction Box	IP65, 2 Bypass Diodes
Cable & Connectors	NA
Application Class	Class A (Safety Class II)
Superstrate	High transmission low iron tempered glass
Cells	36 polycrystalline solar cells; 2BB/3BB
Cell Encapsulation	EVA (Ethylene Vinyl Acetate)
Back Sheet	Composite film
Frame	Anodized aluminium frame with twin wall profile

# **Warranty and Certifications**

Product Warranty**	5 Years
Performance Warranty**	Guaranteed power output of 90% for 12 years and 80% for 25 years
Approvals and Certificates	IEC 61215 Ed2, IEC 61730, IEC 62716,MCS, PV Cycle