

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/m², 25°C)

Peak Power (0-4.99Wp) P_{max} (Wp)	60	65
Maximum Voltage V_{mpp} (V)	18.04	18.12
Maximum Current I_{mpp} (A)	3.3	3.6
Open Circuit Voltage V_{oc} (V)	21.66	22.13
Short Circuit Current I_{sc} (A)	3.67	3.85
Module Efficiency (%)	12.83	13.90

1) Tolerance \pm 3% except P_{max}

Temperature Coefficients (Tc) and permissible operating conditions

Tc of Open Circuit Voltage (β)	-0.31 % /°C
Tc of Short Circuit Current (α)	0.058 % /°C
Tc of Power (γ)	-0.41 % /°C
Maximum System Voltage	1000 V
NOCT	45°C \pm 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