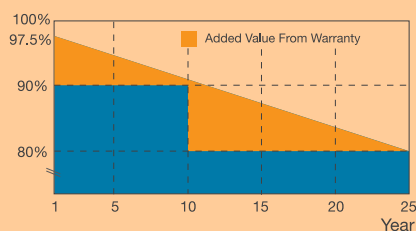


These SOLAR panels are manufactured with semi-automatic German production machinery under the highest quality control conditions to ensure the highest quality on a continued bases.

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



OmniPower

The Professional Choice

Omni 60/245-265/3BB
MULTICRYSTALLINE SILICON MODULE

Key Features



Multicrystalline modules designed for residential commercial and utility applications, rooftop or ground mount



High output, 16.21% highest conversion efficiency



Designed for IEC DC 1000V applications



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance certified by TÜV NORD

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

Comprehensive Certificates

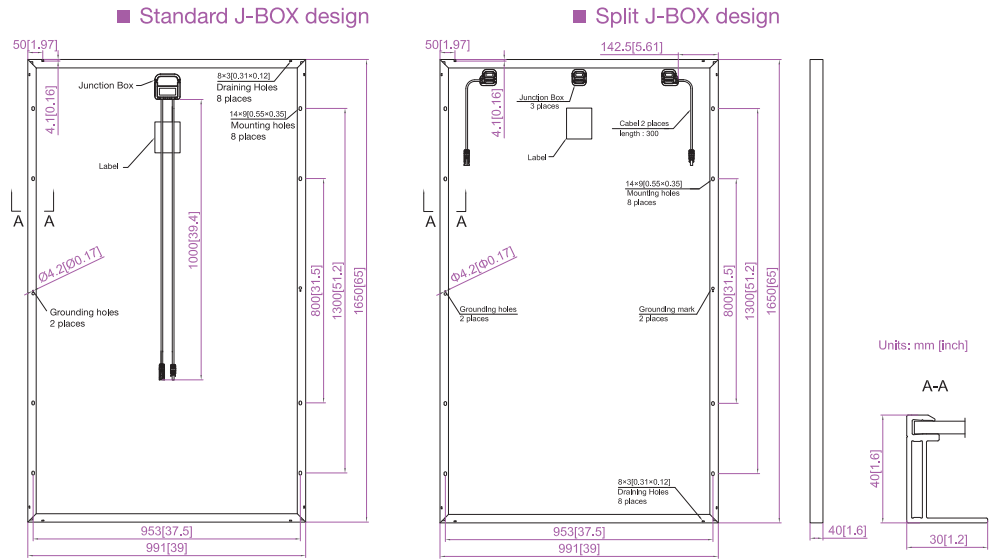
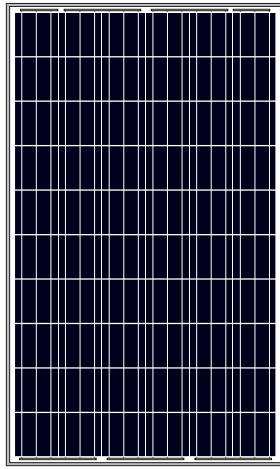
- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems
- Environmental policy: The first solar company in China to complete Intertek's carbon footprint evaluation program and receive green leaf mark verification for our products



Specifications subject to technical changes and tests.

Omni 60/245-265/3BB

Engineering Drawings



■ customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	18.2 (approx)
Dimensions (L×W×H) (mm)	1650×991×40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60 (6×10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	OMNI 60-245/3BB	OMNI 60-250/3BB	OMNI 60-255/3BB	OMNI 60-260/3BB	OMNI 60-265/3BB
Rated Maximum Power at STC (W)	245	250	255	260	265
Open Circuit Voltage (V _{oc} /V)	37.50	37.66	37.82	37.98	38.14
Maximum Power Voltage (V _{mp} /V)	29.59	29.94	30.29	30.63	30.96
Short Circuit Current (I _{sc} /A)	8.86	8.92	8.98	9.04	9.10
Maximum Power Current (I _{mp} /A)	8.28	8.35	8.42	8.49	8.56
Module Efficiency [%]	14.98	15.29	15.59	15.90	16.21
Power Tolerance (W)	-0~+5W				
Temperature Coefficient of I _{sc} (α _{Isc})	+0.058%/°C				
Temperature Coefficient of V _{oc} (β _{Voc})	-0.330%/°C				
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.430%/°C				
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5				

NOCT

TYPE	OMNI 60-245/3BB	OMNI 60-250/3BB	OMNI 60-255/3BB	OMNI 60-260/3BB	OMNI 60-265/3BB
Max Power at STC (P _{max}) [W]	176.27	179.87	183.47	187.06	190.66
Open Circuit Voltage (V _{oc}) [V]	34.10	34.19	34.26	34.36	34.45
Max Power Voltage (V _{mp}) [V]	26.66	26.97	27.32	27.68	27.97
Short Circuit Current (I _{sc}) [A]	7.11	7.16	7.19	7.22	7.30
Max Power Current (I _{mp}) [A]	6.61	6.67	6.72	6.76	6.82
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				

I-V CURVE

