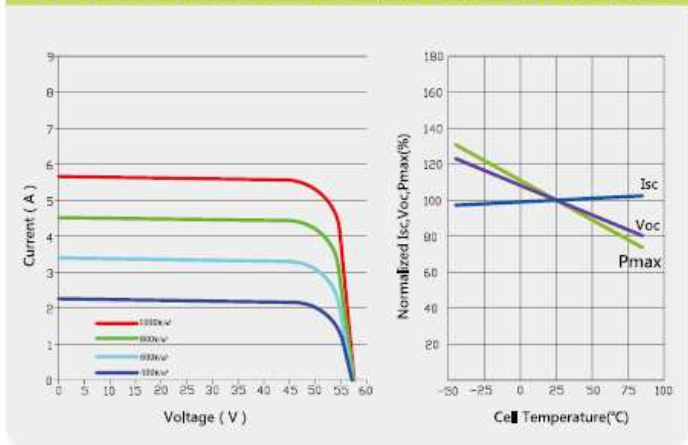


Scheda tecnica	MODULO FOTOVOLTAICO JINKO SOLAR	Energia Verde Di p.i. Andrea Riedmiller
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SPECIFICATIONS

Module Type	JKM-235M	JKM-240M	JKM-245M(R165)	JKM-250M(R165)	JKM-255M(R165)
Maximum Power (Pmax)	235Wp	240Wp	245Wp	250Wp	255Wp
Maximum Power Voltage (Vmp)	48.8V	49V	49.1V	49.5V	50V
Maximum Power Current (Imp)	4.81A	4.89A	4.99A	5.05A	5.10A
Open-circuit Voltage (Voc)	59.2V	59.5V	59.7V	59.9V	60.5V
Short-circuit Current (Isc)	5.27A	5.35A	5.5A	5.61A	5.66A
Cell Efficiency(%)	16.75%	17.25%	16.75%	17.25%	17.50%
Module Efficiency(%)	13.79%	14.08%	14.38%	14.67%	14.97%
Operating Temperature(°C)	-40°C~+85°C				
Maximum system voltage	1000V (IEC) DC				
Maximum rated current series	15A				
Power tolerance	±3%				
Temperature coefficients of Pmax	-0.43%/°C				
Temperature coefficients of Voc	-0.33%/°C				
Temperature coefficients of Isc	0.04%/°C				
Nominal operating cell temperature (NOCT)	48±2°C				

I-V Curves & Temperature Dependence of Isc,Voc,Pmax



Mechanical Characteristics

Cell Type	Mono-crystalline 125×125mm (5 inch)
No. of cells	96 (8×12)
Dimensions	1575×1082×45mm (61.85×42.63×1.77 inch)
Weight	20 kg (44.1 lbs.)
Front Glass	3,2mm , High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TÜV 1×4.0mm ² , Length:900mm

Packaging Configuration

Quantity/Pallet , Quantity/40'HQ Container	24pcs/pallet ,672 pcs/40'HQ
Quantity/Pallet , Quantity/20'ft Container	20 pcs/pallet ,240pcs/20'ft

QUALITY & SAFETY

- Industry leading power output warranty (12/90%, 25/80%)**
- year warranty on product materials and processing technology**
- ISO 9001:2008 (Quality Management System) certified factory**
- IEC61215、IEC61730 certified products**