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Jinko Solar
Building Your Trust in Solar

TR P-type Mono-facial 78M 425-445 Watt

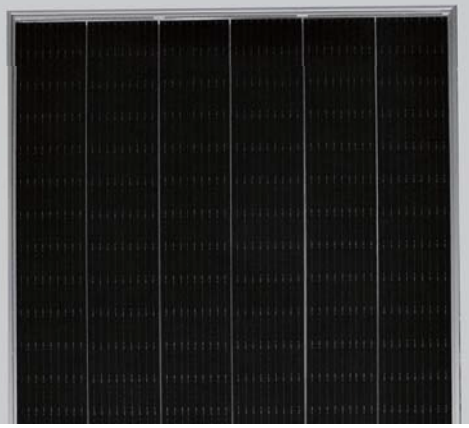
MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015、ISO14001:2015、OHSAS18001 certified factory.

IEC61215、IEC61730、UL1703 certified products.

Cheetah Plus



KEY FEATURES

9 Busbar Solar Cell

Excellent ability to collect current, reduce the current loss of the cell

High Power Output

Module power increases to 445w, lower LCOE and higher IRR

Higher module Efficiency

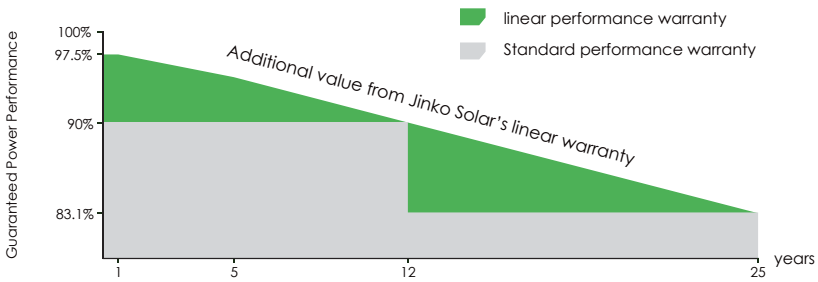
Decreasing useless area effectively, module Module efficiency reaches to 21.17%

Higher Lifetime Power Yield

2.5% first year power degradation, 0.6% annual power degradation; 25 year linear power warranty

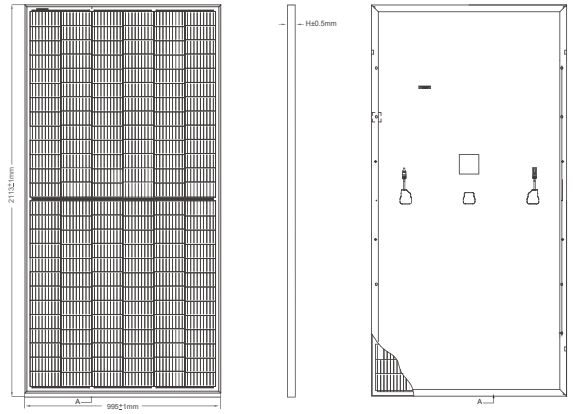
LINEAR PERFORMANCE WARRANTY

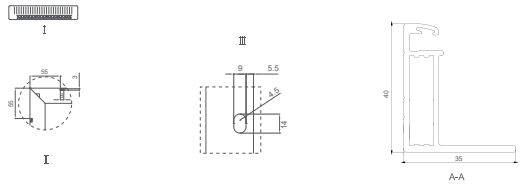
12 Year Product Warranty • 25 Year Linear Power Warranty
0.6% Annual Degradation Over 25 years



PV CYCLE · TÜVRheinland CERTIFIED · CE · POSITIVE QUALITY Continuous Quality Assurance · CLEAN ENERGY COUNCIL MEMBER

Engineering Drawings



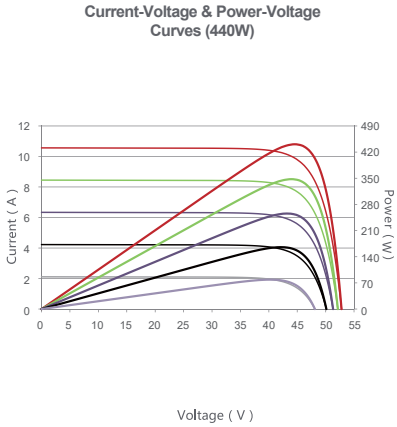


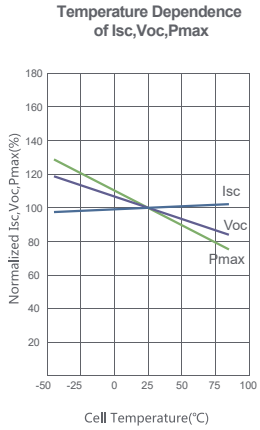
Packaging Configuration

(Two pallets = One stack)

27pcs/pallets, 54pcs/stack, 594pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence





Mechanical Characteristics

Cell Type	P type Mono-crystalline 158.75×158.75mm
No.of cells	156 (6×26)
Dimensions	2113×995×40mm (83.19×39.17×1.57 inch)
Weight	24kg (52.91lbs)
Front Glass	3.2mm,Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm² (+): 250mm, (-): 150mm or cust omized length

SPECIFICATIONS

Module Type	JKM425M-7R-V		JKM430M-7R-V		JKM435M-7R-V		JKM440M-7R-V		JKM445M-7R-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	425Wp	316Wp	430Wp	319Wp	435Wp	323Wp	440Wp	327Wp	445Wp	330Wp
Maximum Power Voltage (Vmp)	43.86V	40.87V	43.97V	40.98V	44.08V	41.09V	44.18V	41.19V	44.28V	41.30V
Maximum Power Current (Imp)	9.69A	7.72A	9.78A	7.79A	9.87A	7.86A	9.96A	7.93A	10.05A	8.00A
Open-circuit Voltage (Voc)	52.50V	49.45V	52.60V	49.54V	52.70V	49.64V	52.80V	49.73V	52.90V	49.83V
Short-circuit Current (Isc)	10.16A	8.21A	10.25A	8.28A	10.34A	8.35A	10.43A	8.42A	10.52A	8.50A
Module Efficiency STC (%)	20.21%		20.45%		20.69%		20.93%		21.17%	
Operating Temperature(℃)	-40℃~+85℃									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.36%/℃									
Temperature coefficients of Voc	-0.29%/℃									
Temperature coefficients of Isc	0.048%/℃									
Nominal operating cell temperature (NOCT)	45±2℃									

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ± 3%

The company reserves the final right for explanation on any of the information presented hereby.

Cheetah PLUS JKM425-445M-7R-V-D3-EN