www.jinkosolar.com

Solar JinKO
Building Your Trust in Solar

JKM265P-60
245-265 Watt
POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.
IEC61215、IEC61730 certified products.

KEY FEATURES

High Efficiency:
High module conversion efficiency (up to 16.19%), through innovative manufacturing technology.

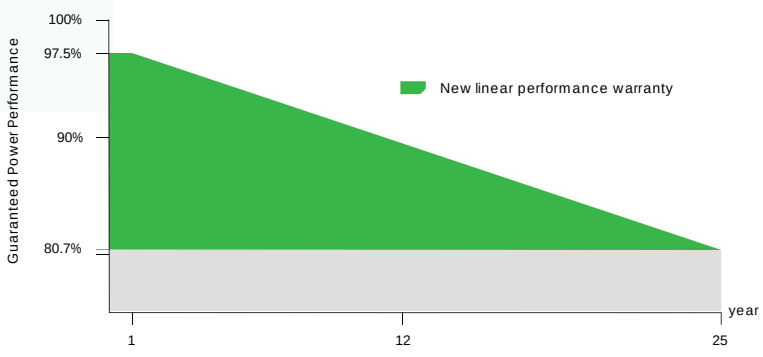
Low-light Performance:
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.

Severe Weather Resilience:
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

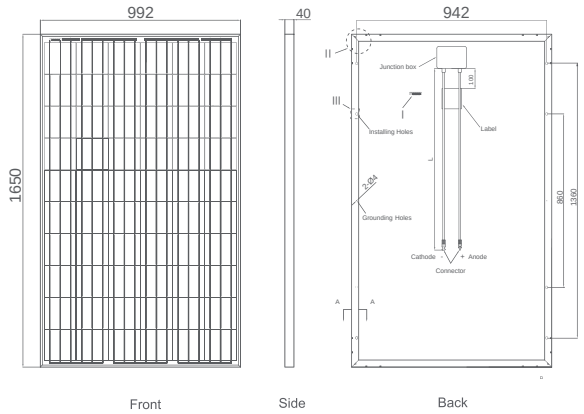
Durability against extreme environmental conditions:
High salt mist and ammonia resistance certified by TUV NORD.

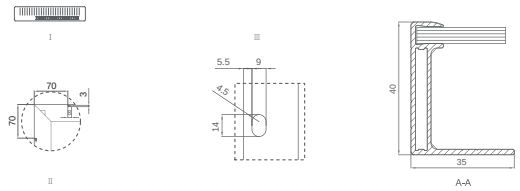
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



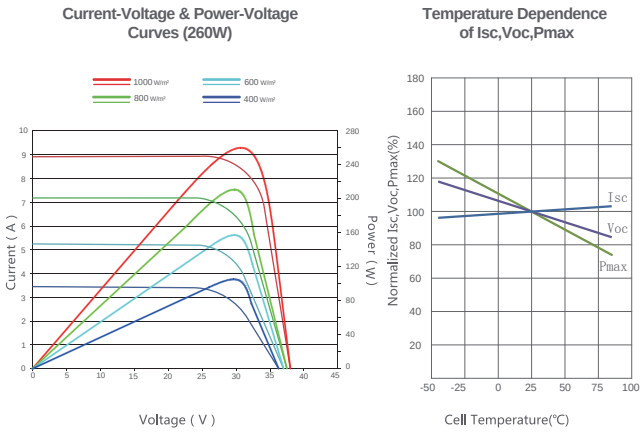


Packaging Configuration

(Two boxes=One pallet)

25pcs/ box, 50pcs/pallet, 700 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of cells	60 (6×10)
Dimensions	1650×992×40mm (65.00×39.05×1.57 inch)
Weight	19.0 kg (41.9 lbs)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm², Length:900mm

SPECIFICATIONS

Module Type	JKM245P		JKM250P		JKM255P		JKM260P		JKM265P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	245Wp	181Wp	250Wp	184Wp	255Wp	189 Wp	260Wp	193Wp	265Wp	197Wp
Maximum Power Voltage (Vmp)	30.1V	27.8V	30.5V	28.0V	30.8V	28.5V	31.1V	28.7V	31.4V	29.0V
Maximum Power Current (Imp)	8.14A	6.50A	8.20A	6.56A	8.28A	6.63A	8.37A	6.71A	8.44A	6.78A
Open-circuit Voltage (Voc)	37.5V	34.8V	37.7V	34.9V	38.0V	35.2V	38.1V	35.2V	38.6V	35.3V
Short-circuit Current (Isc)	8.76A	7.16A	8.85A	7.21A	8.92A	7.26A	8.98A	7.31A	9.03A	7.36A
Module Efficiency STC (%)	14.97%		15.27%		15.58%		15.89%		16.19%	
Operating Temperature(℃)	-40℃~+85℃									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.41%/℃									
Temperature coefficients of Voc	-0.31%/℃									
Temperature coefficients of Isc	0.06%/℃									
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

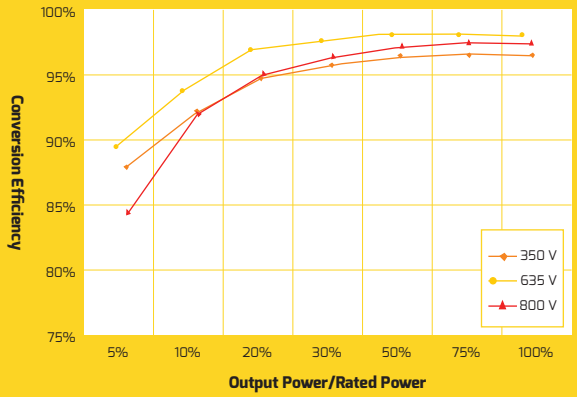
* Power measurement tolerance: ± 3%

Three-Phase String Inverters 4 kW to 20 kW

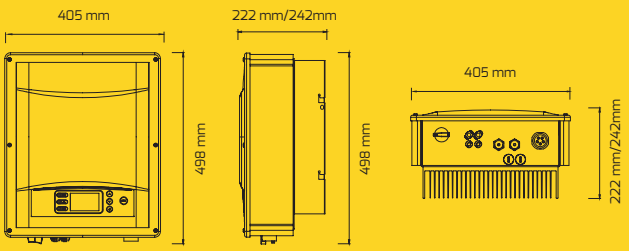
We offer a range of eight three-phase string inverters for indoor and outdoor use with different maximum power capacities to cover the needs of residential and commercial use. All our inverters come with dual MPPT technology for increased efficiency of the entire photovoltaic system.

Evershine TLC Series

Conversion efficiency

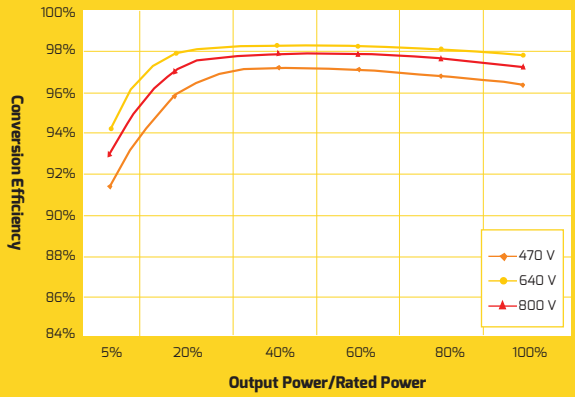


Technical data

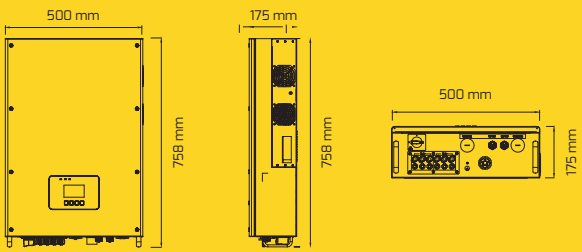


Eversol TLC Series

Conversion efficiency



Technical data



zeversolar

Three-Phase String Inverters 4 kW to 20 kW

Technical data	Evershine TLC4000	Evershine TLC5000	Evershine TLC6000	Evershine TLC8000 ***	Eversol TLC10K	Eversol TLC15K	Eversol TLC17K	Eversol TLC20K
DC input data								
Max. PV array power [W]	4200	5200	6300	8400	10400	15600	17600	20800
Max. DC voltage [V]	900			1000	900			
Rated input voltage [V]	640							
MPP voltage range [V]	200-800			200-900	270-800			
Full load MPP voltage range [V]	235-800	290-800	350-800	380-800	320-800	340-800	390-800	450-800
Switch-off DC voltage [V]	180				220			
Start voltage [V]	250				300			
Max. DC current [A]	9/9			11/11	22/11	22/22		
Max. number of parallel inputs	1/1				3/3			
Number of MPP trackers	2							
Switch-on power [W]	12							
Output data								
Rated AC power [W]**	4000	5000	6000	8000	10000	15000	17000	20000
Max. apparent AC Power [VA]	4000	5000	6000	8100	10000	15000	17000	20000
Rated AC grid voltage [V]*	3/N/PE220/380,230/400,240/415							
Rated AC grid frequency [Hz]*	50				50/60			
AC voltage range [V]*	160-280				160-300			
AC frequency range [Hz]	According to local codes							
Max. output current [A]	3 x 7	3 x 8.5	3 x 9.2	3 x 13.3	3 x 16	3 x 24	3 x 25.8	3 x 30
Power factor	> 0.99 (0.85 inductive ... 0.85 capacitive)							
Harmonic distortion (THD) at rated output	< 3%							
Power consumption at night [W]	< 0.6				< 1			
Power consumption at standby [W]	< 12							
MPPT efficiency								
MPPT adaptation efficiency	> 99.50%							
Conversion efficiency								
Max. efficiency	>98.00%				>98.20%	>98.30%		
European weighted efficiency	97.50%				97.80%	97.90%		
Safety equipment								
DC insulation monitoring	Integrated							
Earth fault protection	Integrated							
Mains monitoring	Integrated							
Earth fault current monitoring	Integrated							
DC current monitoring	Integrated							
General data								
Dimensions (WxHxD) [mm]	405 x 498 x 222			405 x 498 x 242	500 x 758 x 175			
Weight [kg]	21.8			<24	48			
Installation environment	Indoor and outdoor							
Mounting information	Wall mounting bracket							
Operating temperature range	-25°C ... +60°C (derating in case of temperatures above 45°C)							
Relative humidity	0% to 100%, no condensation							
IP protection type	IP65 as per EN60529				IP55 (fans), IP65 as per EN60529 (others)			
Insulation type	Transformerless							
Cooling concept	Convection				Fan cooling			
Noise level	< 40 dB(A)@1m				< 55 dB(A)@1m	< 60 dB(A)@1m		
LCD display	LCD, 240 x 160 pixel							
Communication interface	RS485							
Software updates interface	USB							
Certificates and approvals	IEC61000-6-2, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3, IEC62109-1, IEC62109-2, VDE0126-1-1/A1:2012, VDE0126-1-1:2013, VDE-AR-N 4105, NEN50438(only for TLC4K&6K), G83/2(only for TLC4K&6K), EN50438(only for TLC4K&6K), , AS 4777.2(only for TLC5K), AS 4777.3(only for TLC5K), AS/NZS 3100(only for TLC5K), C10/11(only for TLC5K)			IEC61000-6-2, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3, IEC62109-1, IEC62109-2, VDE-AR-N 4105, AS 4777.2 AS 4777.3, AS/NZS 3100, the standards as below only for Eversol TLC10K : VDE0126-1-1/A1:2012, VDE0126-1-1:2013, C10/11, PPC, UTEC 15-712-1	IEC61000-6-2, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12, IEC62109-1, IEC62109-2, ASINZS3100, VDE-AR-N 4105, VDE0126-1-1/A1:2012 VDE0126-1-1:2013 AS4777.2, AS4777.3,C10/11, UTEC 15-712-1, NEN50438,G59/3, EN50438, BDEW 2008(only for TLC15K&TLC17K), CNCA/CTS0006, CNCA/CTS0004, PEA/MEA Guide IEC61727, IEC62116,IEC61683, IEC60068-2(1, 2, 14, 30)			

* The data may vary depending on the local grid standards.
** Within the scope of the EEG law an active power limitation according to current nationality EEG is preset, which can be adjusted at any time when connected to a Power Monitoring Unit. (For Germany only)
*** Available from November 2014. Please contact your local sales team for further information.

As of July, 2014 / Technical data is subject to revisions.