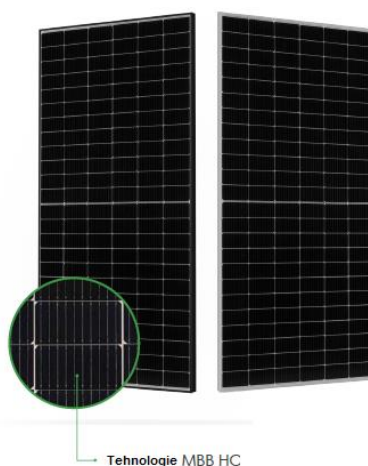




Producator: **JINKO SOLAR DENMARK AP**

Panou fotovoltaic mono-facial, tip P, 540-560 Watt, cu rama neagra

Model: Tiger Pro 72HC
Cod: 35FV1563



FISA TEHNICA



Revizia nr. 0/octombrie 2024

Tiger Pro 72HC

540 – 560 Watt

Panou fotovoltaic mono-facial

Tip P

Toleranta putere pozitiva de ~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Sistemul de Management al calitatii

ISO14001:2015: Sistemul de management al mediului

ISO45001:2018

Sisteme de management al sanatatii si securitatii la locul de munca



Parametrii cheie



Tehnologie Multi Busbar

O captare mai buna a luminii si colectare a curentului pentru a imbunatati puterea panoului fotovoltaic si fiabilitatea.



Design electric optimizat si curent de functionare mai mic pentru reducerea pierderilor prin puncte fierbinți.



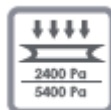
Rezistenta PID

Garantarea performantei Anti-PID prin optimizarea procesului de productie de masa si de control a materialelor.



Durabilitate impotriva conditiilor extreme de mediu

Rezistent la concentratie mare de saruri si amoniac.



Sarcina mecanica imbunatatita

Certificat pentru a rezista la: sarcina datorata vantului (2400 Pascali) si sarcina datorata zapezii (5400 Pascali).



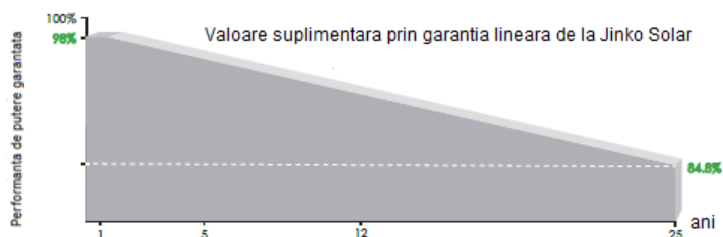
Durata mai lunga de viata la randament energetic

0.55% degradare anuala a puterii si 25 de ani garantare putere lineara.



POSITIVE QUALITY™
Continuous Quality Assurance

GARANTIE PERFORMANTA LINEARA

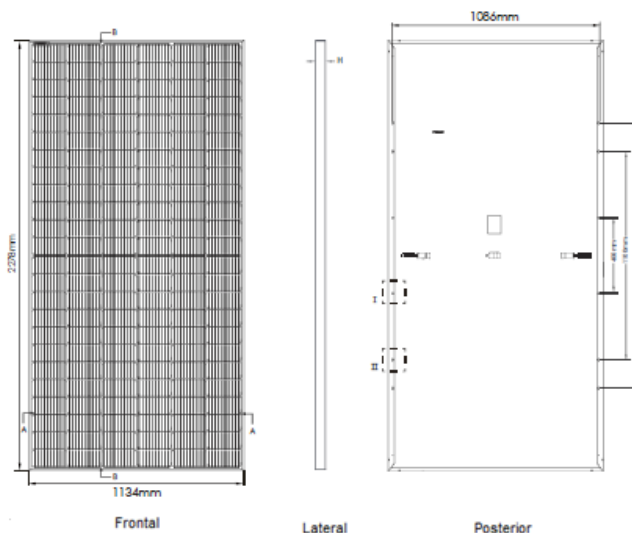


12 ani de garantie pentru produs

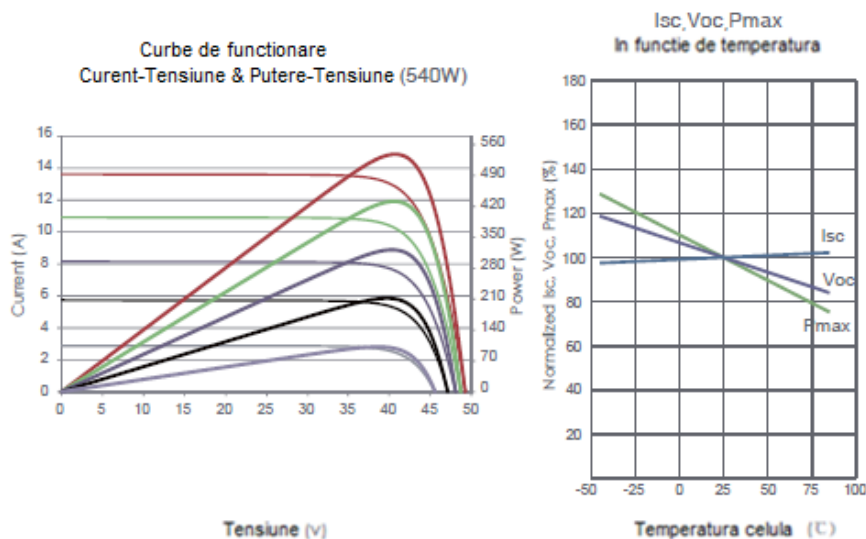
25 de ani de garantie pentru puterea lineara

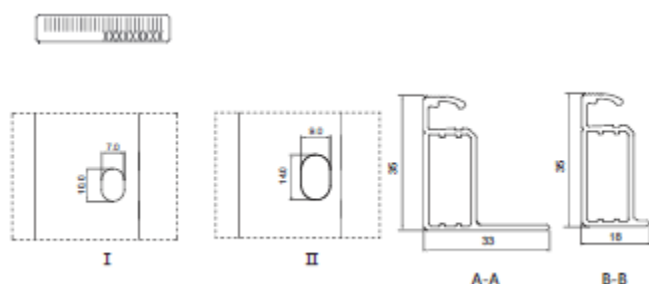
0.55% Degradare anuala timp de peste 25 de ani

Desene de ansamblu panouri fotovoltaice



Curbe de performanta electrica & Curbe de functionare in functie de temperatura





Lungime: $\pm 2\text{mm}$
 Latime: $\pm 2\text{mm}$
 Inaltime: $\pm 1\text{mm}$
 Pasul randului: $\pm 2\text{mm}$

Configuratia ambalajului

(doi paleti = 1 stiva)

31 bucati/palet, 62 bucati/stiva, 620 bucati/40'HQ Container

Caracteristici mecanice	
Tipul celulelor	Tip P monocristalin
Nr. de celule	144 (6x24)
Dimensiuni	2278×1134×35mm (89.53×44.65×1.38 toli)
Masa	26 kg (61,73 lbs)
Geam frontal	3.2mm, finisaj anti-reflectie, grad inalt de transmisie, concentratie redusa de fier, Sticla securizata
Rama	Aliaj din aluminiu anodizat
Regleta conexiuni electrice	IP 68 nominala
Cabluri de iesire	TUV 1X4.0mm ² (+): 400mm , (-): 200mm sau Lungime persoanlizata

Specificatii											
Tip panou fotovoltaic		JKM540M-72HL4 JKM540M-72HL4-V		JKM545M-72HL4 JKM545M-72HL4-V		JKM550M-72HL4 JKM550M-72HL4-V		JKM555M-72HL4 JKM555M-72HL4-V		JKM560M-72HL4 JKM560M-72HL4-V	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Putere maxima	(P _{max})	540W _p	402W _p	545W _p	405W _p	550W _p	409W _p	555W _p	413W _p	560W _p	417W _p
Tensiune putere maxima (V _{mp})		40.70V	38.08V	40.80V	38.25V	40.90V	38.42V	40.99V	38.59V	41.09V	38.69V
Curent putere maxima (I _{mp})		13.27A	10.55A	13.36A	10.60A	13.45A	10.65A	13.54A	10.70A	13.63A	10.77A
Tensiune circuit deschis (V _{oc})		49.42V	46.65V	49.52V	46.74V	49.62V	46.84V	49.72V	46.93V	49.82V	47.02V
Curent scurt-circuit (I _{sc})		13.85A	11.19A	13.94A	11.26A	14.03A	11.33A	14.12A	11.40A	14.21A	11.48A
Eficienta STC panou fotovoltaic (%)		20.90%		21.10%		21.29%		21.48%		21.68%	
Temperatura de functionare (°C)						-40°C~+85°C					
Tensiune maxima sistem						1000/1500VDC (IEC)					
Serii rezistente maxime nominale						25A					
Toleranta putere						0~+3%					
Coeficienti de temperatura la P _{max}						-0.35%/°C					
Coeficienti de temperatura a V _{oc}						-0.28%/°C					
Coeficienti de temperatura la I _{sc}						0.048%/°C					
Temperatura nominala de functionare a celulei(NOCT)						45±2°C					

*STC:  iradiere 1000W/m²  Temperatura celula 25°C  AM=1.5
 NOCT:  iradiere 800W/m²  Temperatura ambianta 20°C  AM=1.5  Viteza vant 1 m/s

Colectivul de redactare a cartii tehnice:

Traducere:
Tehnoredactare:

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Fax: 021.334.51.60



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