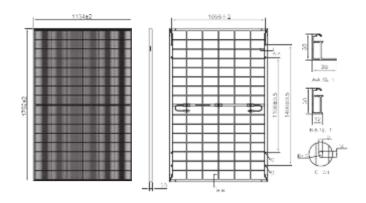


DRAWINGS (Unit: mm)



ELECTRICAL CHARACTERISTICS (STC)

Maximum Power: Pmax [W]	435	440	445	450	455
Open Circuit Voltage: Voc [V]	35.15	35.35	35.55	35.75	35.95
Short Circuit Current: Isc [A]	15.86	15.89	15.92	15.95	15.98
Voltage at Maximum Power: Vmp [V]	29.42	29.67	29.93	30.19	30.44
Current at Maximum Power: Imp [A]	14.79	14.83	14.87	14.91	14.95
Module Efficiency: η [%]	21.8	22.0	22.3	22.5	22.8

* STC: Irradiance 1000W/m², Celi Temperature 25°C, Air Mass1.5

ELECTRICAL CHARACTERISTICS (NMOT)

Maximum Power: Pmax [W]	329	332	336	340	344
Open Circuit Voltage: Voc [V]	33.46	33.65	33.84	34.03	34.22
Short Circuit Current: Isc [A]	12.80	12.83	12.85	12.88	12.90
Voltage at Maximum Power: Vmp [V]	27.56	27.74	27.98	28.24	28.51
Current at Maximum Power: Imp [A]	11.94	11.97	12.01	12.04	12.07

^{*} NMOT: Irradiance 800W/m/, Ambient Temperature 20°C, Air Mass1.5, Wind Speed 1m/s

ELECTRICAL CHARACTERISTICS (Rear Power Gain)

5%	Maximum Power: Pmax[W]	456	462	467	472	477
	Module Efficiency: η [%]	22.8	23.1	23.4	23.6	23.9
15%	Maximum Power: Pmax[W]	500	506	511	517	523
	Module Efficiency: η [%]	25.0	25.3	25.6	25.9	26.2
25%	Maximum Power: Pmax[W]	543	550	556	562	568
	Madule Efficiency: n [%]	27.2	27.5	27.8	28.1	28.4

TEMPERATURE PARAMETERS

Temperature Coefficient (Pmax)	-0.28%/°C	
Temperature Coefficient (Voc)	-0.24%/°C	
Temperature Coefficient (Isc)	+0.046%/°C	
NMOT	45+2°C	

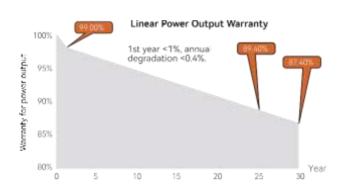
MAXIMUM RATINGS

Operational Temperature	-40°C~+85°C		
Maximum System Voltage	1500V DC		
Maximum Series Fuse Rating	30A		
Power Output Tolerance	0~+3%		
Bifaciality	80±10%		

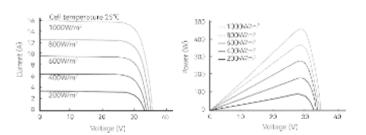
MECHANICAL PARAMETERS

Cells	TNC (N Type Monocrystalline Cell)			
Cell Orientation	96[6×16]			
Dimension	1/6Z±Z×1134±Z×30mm			
Weight	20.9kg			
Front Glass 1.6mm high transmittance, AR tempered glass				
Rear Glass	1.6mm semi-tempered glass			
Frame	Anodized aluminum alloy frame			
Junction Box	IP68, 3 diodes			
Output Cable	4.0mm ²			
Cable Length	+1200mm, -1200mm, length can be customized			
Wind/Snow Load	2400Pa/5400Pa			
Packaging	36pcs per pallet, 936pcs per 40'HC			

WARRANTY



I-V CURVE



& CERTIFICATIONS

Quality Management System and Product Certification

ISO 9001: 2015/Quality management system

ISO 14001: 2015/Environmental management system

ISO 45001: 2018/Occupation health safety management system

ISO 50001: 2018/Energy management system

IEC 62941: 2019/Quality system for PV module manufacturing

IEC 61215/61730, IEC 62804(PID), IEC 61701(Salt),

IEC 62716 (Ammonia), IEC 60068-2-68(Sand)



















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Solo € 68,85 + IVA di Legge

Trasporto e Contributo RAE non incluso nel prezzo

Riservato ai clienti ET MEMBERS

Contattaci ora per prenotare i tuoi pannelli ad un prezzo eccezionale!