



SHENZHOU

S O L A R

MONO MODULE

545 / 550 / 555 / 560

SZ-545-72HSW

SZ-550-72HSW

SZ-555-72HSW

SZ-560-72HSW



Performance

Lower LCOE, reduced BOS cost, short payback time



Quality

Over 40 years of manufacturing experience in house wafer, cell and module



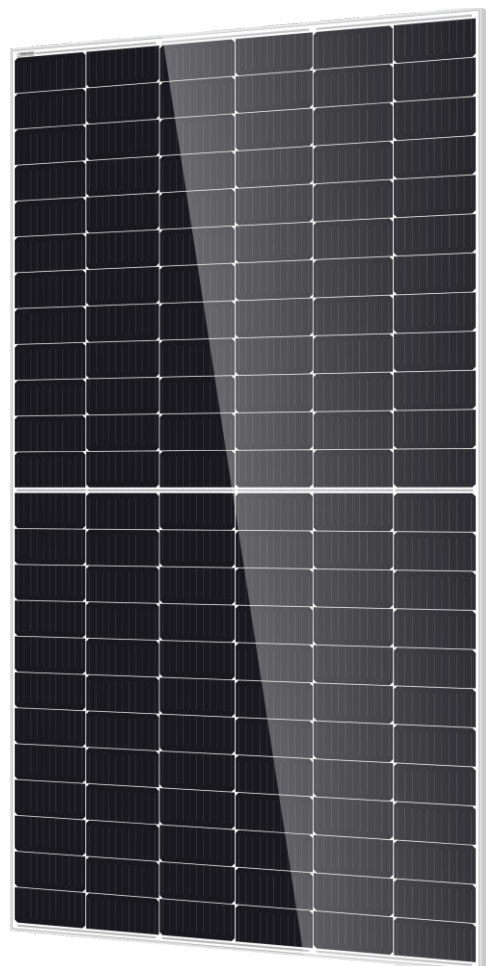
Guarantee

Warranty comes from one of the most financially healthy PV providers

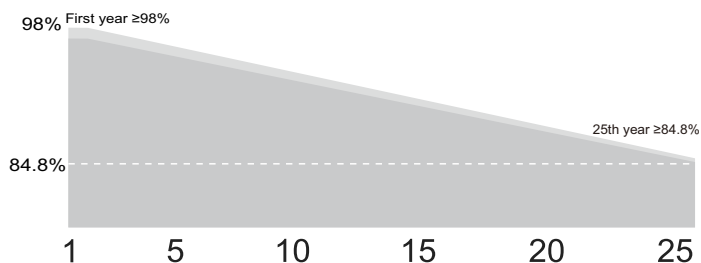


Service

Customer-oriented and local services



Warranty



12 Years product warranty

25 Years power output warranty

Electrical Specifications

Module Type	SZ-545-72HSW		SZ-550-72HSW		SZ-555-72HSW		SZ-560-72HSW	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	545	413	550	417	555	421	560	425
Maximum Power Current (Imp/A)	13.19	10.46	13.26	10.52	13.33	10.57	13.40	10.63
Maximum Power Voltage (Vmp/V)	41.32	39.50	41.48	39.66	41.64	39.81	41.80	39.96
Short-circuit Current (Isc/A)	14.04	11.26	14.11	11.32	14.18	11.37	14.25	11.43
Open-circuit Voltage (Voc/V)	49.74	47.24	49.89	47.39	50.04	47.53	50.19	47.67
Module Efficiency STC (%)	21.1%		21.3%		21.5%		21.7%	
Pmax Tolerance: 0/+3% STC:AM1.5 1000W/m 25 ℃ NMOT:AM1.5 800W/m 20 ℃ 1m/s Measurement uncertainty:±3%								

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2278x1134x35mm
Weight	28.7kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /Portrait: 350mm (+)/250mm(-) Landscape: 1300mm(+)/1300mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

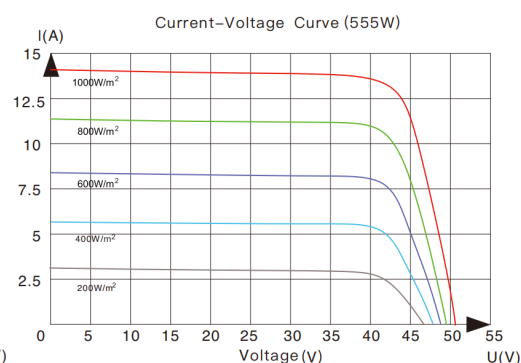
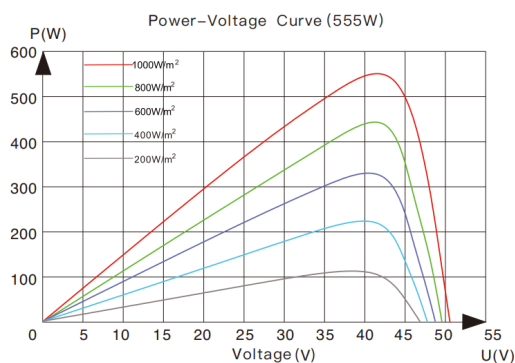
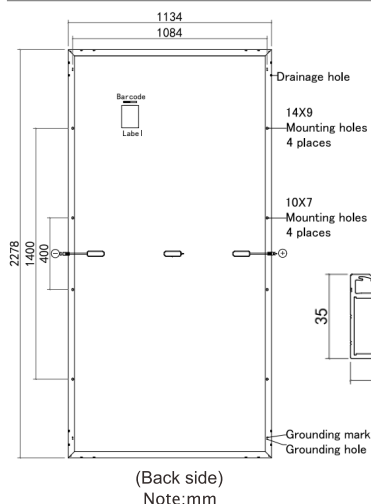
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1500V DC(IEC)	Fire Rating Class	Class C



Statement: Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.