

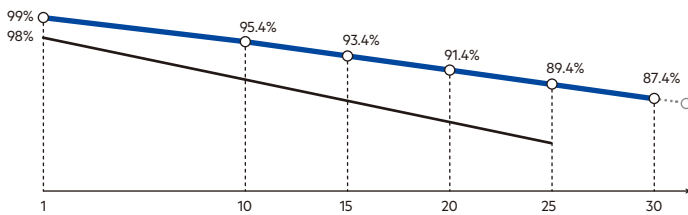
DHN-72R18/FS
625W

Full Screen PV Module

No Dust and Dirt on the Surface Increases Power Generation

Quality Guarantee

15-year Material & technology warranty
30-year Linear power output warranty



▲ DAH Solar linear power output guarantee
▾ Standard linear power output guarantee

Comprehensive Products & System Certificates



IEC 61215 / IEC 61730 / CE / INMETRO
ISO 45001: 2018/International standards for occupational health & safety
ISO 14001: 2015/Standards for environmental management system
ISO 9001: 2015/Quality management system



Global Patented Full Screen Technology, no dust or snow accumulation, increase power generation by 6-15%



Rectangular cells (182mm x 191.6mm) with higher power



Maximize container utilization, increase loading capacity by 5.4%, and lower transportation costs

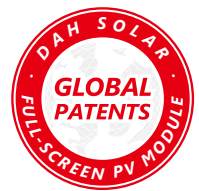


High power rectangular solar cells, saving bracket and cable costs, and lower BOS costs



TOPCon cells, lower attenuation, better temperature coefficient & dim light performance

DHN-72R18/FS-625W



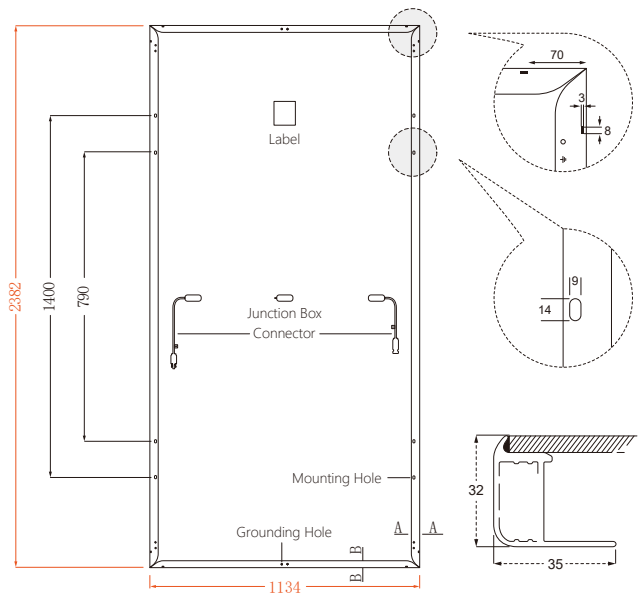
Mechanical Specification

Cable	4.0mm ² , 300/200mm in length, (Including connector) length can be customized
No.of Cells	144 (6×24)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	PV5e, Changshu Friends Connector Technology Co.,Ltd Customized Connectors
Weight	27.9kg
Cells Type	N-type 182×95.8mm
Dimension (L×W×T)	2382×1134×32mm
Packing	34pcs/pallet, 680pcs/40HQ

Operating Parameters

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	25A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A
Fire class	Class C
Power sorting tolerance	0 ~ 5W

Design



STC—Electrical Characteristics

Module Type	DHN-72R18/FS					
Maximum Power (Pmax/W)	600	605	610	615	620	625
Open-circuit Voltage (Voc/V)	52.0	52.2	52.4	52.6	52.8	53.0
Maximum Power Voltage (Vmp/V)	44.2	44.4	44.6	44.8	45.0	45.2
Short-circuit Current (Isc/A)	14.60	14.66	14.72	14.78	14.84	14.90
Maximum Power Current (Imp/A)	13.57	13.63	13.68	13.73	13.78	13.83
Module Efficiency (%)	22.21	22.40	22.58	22.77	22.95	23.14

Power Tolerance: 0~+5W, Temperature Coefficient of Isc: 0.046%/°C, Temperature Coefficient of Voc: -0.25%/°C, Temperature Coefficient of Pmax: -0.29%/°C

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

Tolerance: Pmax=±3%, Voc=±3%, Isc=±3%

NOCT—Electrical Characteristics

Maximum Power (Pmax/W)	451	455	459	462	466	470
Open-circuit Voltage (Voc/V)	49.4	49.6	49.8	50.0	50.2	50.4
Maximum Power Voltage (Vmp/V)	42.0	42.2	42.4	42.6	42.8	42.9
Short-circuit Current (Isc/A)	11.79	11.84	11.88	11.93	11.98	12.03
Maximum Power Current (Imp/A)	10.75	10.79	10.83	10.87	10.91	10.95

Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

I-V Curve

