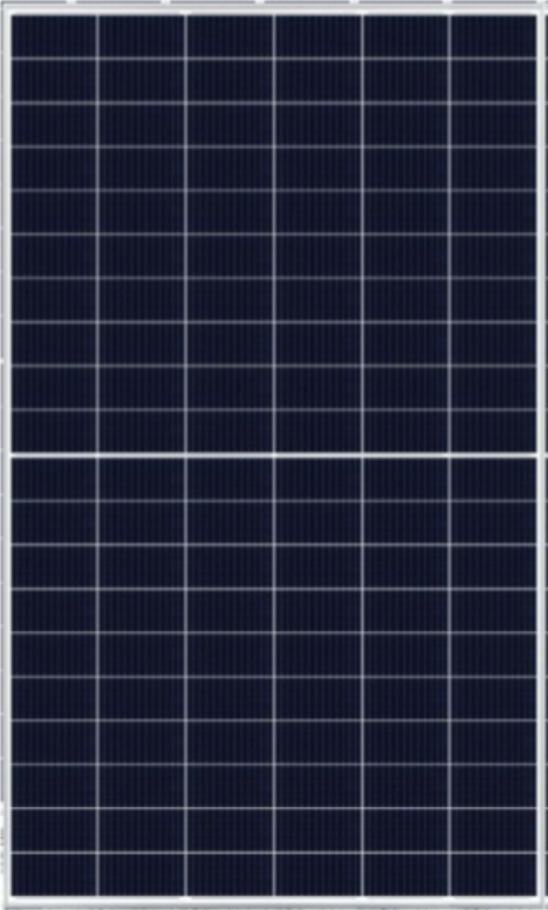


DNE595-610M12-60H

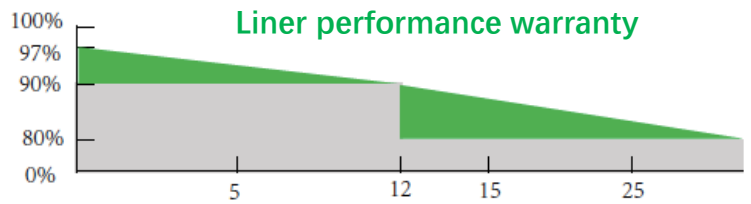


**12
Years**

12 Years quality assurance of materials and craftsmanship

**25
Years**

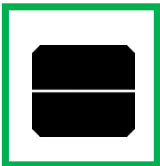
25 Years 80% output power guarantee



Qualifications and Certificates



Key Features



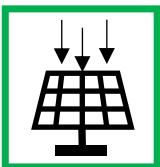
High Efficiency Solar Module

Half-cut cells with lower internal current and lower internal resistance losses



Excellent Anti-PID Performance

The performance of PID resistance (Potential Induced Degradation) passed the standard TUV



Strong Mechanical Load Frame

Mechanical load capacity up to 5400pa



100% EL Testing

Each solar panel passes two Electroluminescence (EL) inspections

Electrical Data (STC)

* STC: Irradiance 1000W/m², Module Temperature 25°C, AM 1.5

Module Type	DNE595M12-60H	DNE600M12-60H	DNE605M12-60H	DNE610M12-60H
Peak Power (Pmax)	595	600	605	610
Maximum Power Voltage (Vmp)	34.35	34.54	34.75	34.92
Maximum Power Current (Imp)	17.32	17.37	17.41	17.47
Open Circuit Voltage (Voc)	41.64	41.84	42.04	42.25
Short Circuit Current (Isc)	18.45	18.50	18.54	18.61
Module Efficiency (%)	21.02	21.20	21.38	21.55
Maximum Power Tolerance	0-5W	0-5W	0-5W	0-5W

Electrical Data (NOCT)

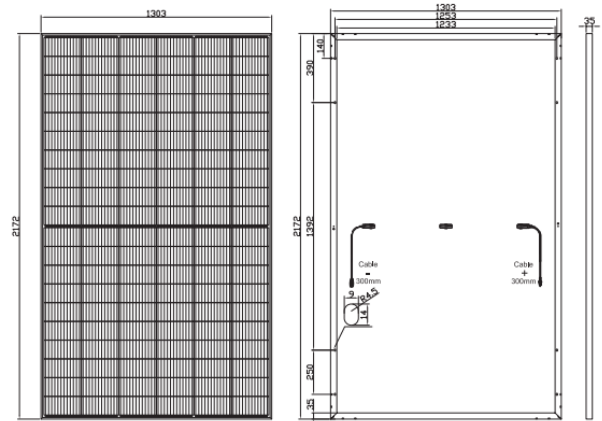
* NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind speed 1 m/s

Module Type	DNE595M12-60H	DNE600M12-60H	DNE605M12-60H	DNE610M12-60H
Peak Power (Pmax)	457.09	460.93	464.78	468.62
Maximum Power Voltage (Vmp)	31.31	31.49	31.68	31.83
Maximum Power Current (Imp)	14.60	14.64	14.67	14.72
Open Circuit Voltage (Voc)	38.44	38.63	38.81	39.01
Short Circuit Current (Isc)	15.69	15.74	15.77	15.83

Temperature & Maximum rating

Temperature Coefficients Isc (A/°C)	+0.046%/°C
Temperature Coefficients Voc (V/°C)	-0.266%/°C
Temperature Coefficients Pmax (W/°C)	-0.354%/°C
NOCT (°C)	45±2°C
Operating and Storage Temperature (°C)	-40°C ~ +85°C
Maximum System Voltage (V)	1500V
Maximum Series Fuse Rating (A)	30A
Max Wind Load/Snow Load	2400Pa/5400Pa
Application Class	A

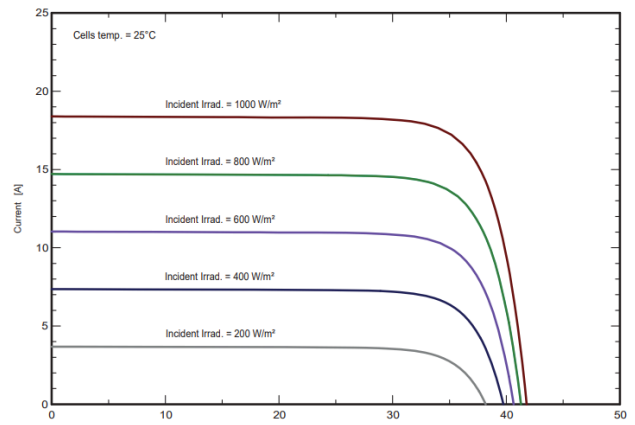
PV Drawing



Mechanical Characteristics

Cell type	210*105 Mono
Cells Number	120 (12*10)
Dimensions	2172*1303*35mm
Weight	31.50kgs
Front Glass	3.2mm high transmission, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67/IP68, 3 bypass diodes
Output Cables	4mm ² , 300mm in length each
Connector	compatible with MC4 plug

IV Curve



Packing information

20FT Container	155PCS/5Pallets
40HQ Container	558PCS/18Pallets