

24.4 %
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

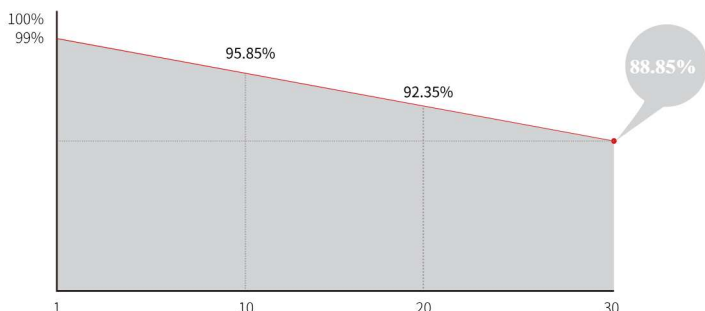
1%
FIRST YEAR
POWER DEGRADATION

0.35 %
YEAR 2-30
POWER DEGRADATION

BC-CELL
LOWER OPERATING
TEMPERATURE

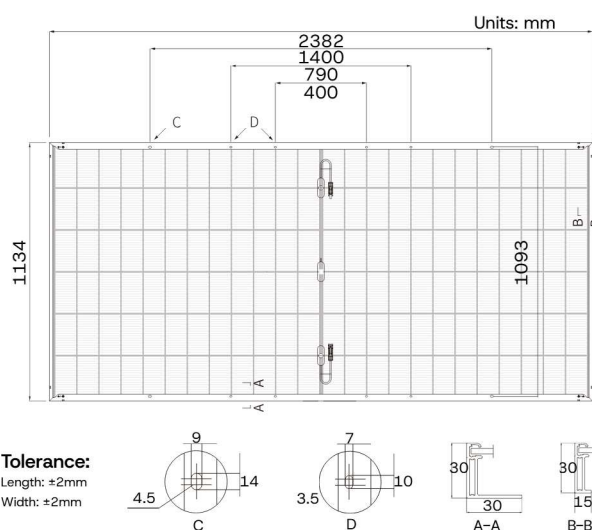
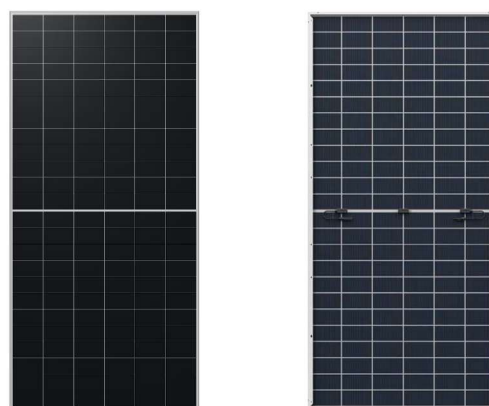
Additional Value

30 Year Power Warranty



Mechanical Parameters

Cell Orientation	144 (6×24)
Junction Box	IP68
Output Cable	4mm ² , +400, ~200mm/±1400mm length can be customized
Glass	Dual glass, 2.0+2.0mm semi-tempered glass
Frame	Anodized aluminum alloy frame
Weight	32.5 kg
Dimension	2382×1134×30mm
Packaging	36pcs per pallet / 144pcs per 20' GP / 720pcs per 40' HC



Electrical Characteristics

STC : AM1.5 1000W/m² 25°C

NOCT : AM1.5 800W/m² 20°C 1m/s

Test uncertainty for P_{max} ±3%

Module Type	LR7-72HVD-650M		LR7-72HVD-655M		LR7-72HVD-660M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max} /W)	650.0	494.8	655.0	498.6	660.0	502.4
Open Circuit Voltage (V _{oc} /V)	54.22	51.53	54.32	51.62	54.42	51.72
Short Circuit Current (I _{sc} /A)	15.14	12.16	15.22	12.22	15.3	12.29
Voltage at Maximum Power (V _{mp} /V)	44.87	42.64	44.97	42.74	45.07	42.83
Current at Maximum Power (I _{mp} /A)	14.49	11.61	14.57	11.68	14.65	11.75
Module Efficiency(%)	24.4		24.2		24.4	

Electrical characteristics with different rear side power gain

P _{max} /W	V _{oc} /V	I _{sc} /A	V _{mp} /V	I _{mp} /A	P _{max} gain
677.0	54.12	15.81	44.77	15.13	0.05
710.0	54.12	16.57	44.77	15.85	0.1
744.0	54.22	17.32	44.87	16.57	0.15
776.0	54.22	18.07	44.87	17.29	0.2
808.0	54.22	18.83	44.87	18.01	0.25

