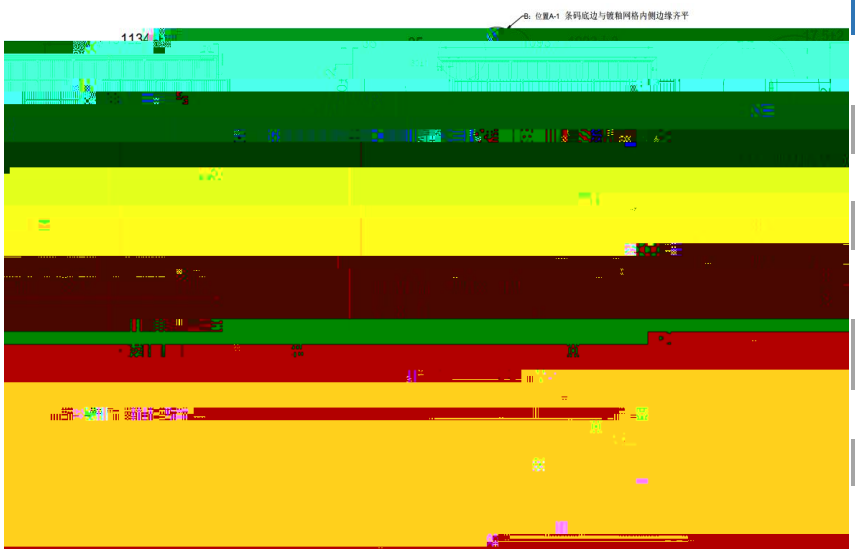
HS-72TBN
570~590-S3

N-type monocrystalline high-efficiency
bifacial double glass module



Mechanical Parameters

Cell type	N-type Monocrystalline solar cells
Number of half cell	144 (72×2)
Dimensions	2278×1134×35mm
Weight	32.6kg
Front Glass	2mm anti-reflective coating glass
Back Glass	2mm Heat-strengthened glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output cable	4mm² or customised
Packaging Configuration	2334×1140×1250mm

	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
	570	429	537	432	580	436	585	440	590	443
					44.23	41.57	44.35	41.67	44.51	41.77
			13.03	10.43	13.11		13.19	10.56	13.25	10.61
			51.79		51.98	48.47	52.15	48.65	52.38	48.80
			13.61	10.97	13.68	11.03	13.75	11.08	13.82	11.13
			22.3%		22.5%		22.6%		22.8%	
(℃)					-40℃~ +85℃					
					1500V DC (IEC)					
					25A					
					0~+5W					
					-0.29%/℃					
					-0.25%/℃					
					0.043%/℃					
					45±2℃					
					80±5%					

STC Irradiance 1000W/m² Cell temperature 25 Air quality=1.5
NOCT: Irradiance 800W/m² Ambient temperature 20 Air quality =1.5 Wind speed 1m/s

power generation (Backside Power Gain)

5%	Maximum power(Pmax)					
	Module efficiency(%)					
10%	Maximum power(Pmax)					
	Module efficiency(%)					
15%	Maximum power(Pmax)					
	Module efficiency(%)					