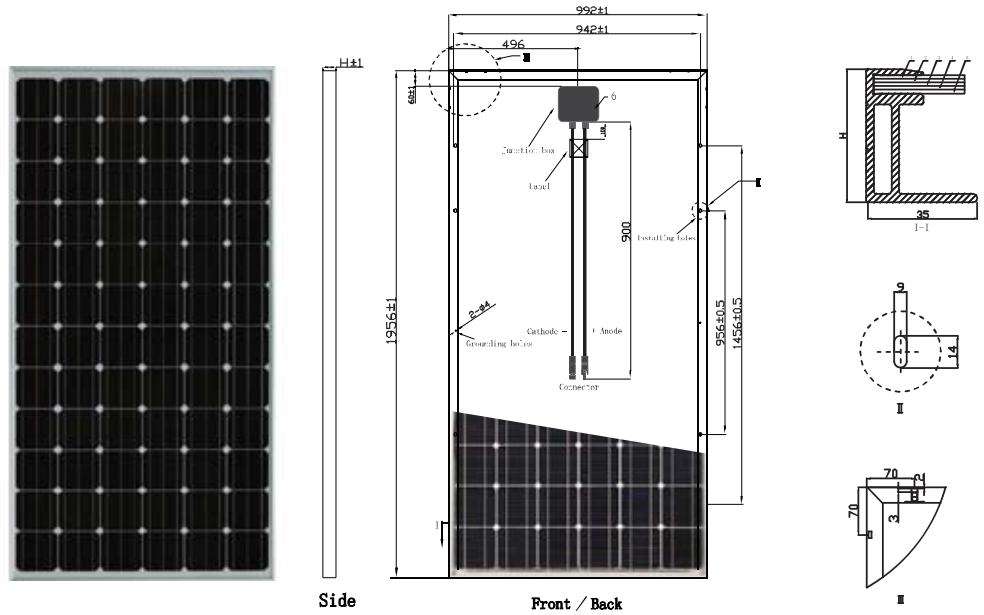


Outside dimensions

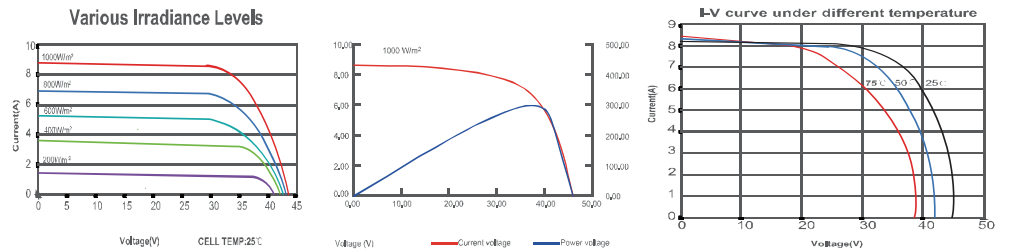


Mechanical performance

Cell type	Polycrystalline 156 x 156 mm (6 inches)	Max. system voltage	DC 1000V (TüV)
Weight	22.5/23.0 kg	Operating temperature of module	-40°C~+85°C
Outside dimensions	1956L x 992W x 45/50H mm	Max. series fuse rating	15A
Output cable	4mm ²	Withstand load	Front: Snow pressure/wind pressure
Number of cells	72 cells (6 cells x 12 cells)		Rear: Wind pressure
Bypass diode	3	Nominal operating cell temperature (NOCT)	47±2°C
Connector	MC4-compatible connector	Applicable grade	Class A
Package construction (each pallet)	23 or 20		

255-330S-24/Ab

Characteristics



Electrical characteristics and temperature characteristics

TYPE	ES300S -24/Ab	ES305S -24/Ab	ES310S -24/Ab	ES315S -24/Ab	ES320S -24/Ab
Nominal max. output (W)	300	305	310	315	320
Nominal max. voltage (Voc/V)	46.4	46.8	47.1	47.2	47.3
Nominal max. operating voltage (Vmp/V)	38.0	38.2	38.5	38.6	38.8
Nominal short-circuit current (Isc/A)	8.67	8.72	8.78	8.85	8.92
Nominal max. operating current (Imp/A)	7.90	7.98	8.05	8.16	8.25
Conversion efficiency of module (%)	15.46	15.72	15.98	16.23	16.50
Tolerance	-0~+5W				
Temperature coefficient (αIsc)	+0.040%/°C				
Temperature coefficient (βVoc)	-0.400%/°C				
Temperature coefficient (γPmp)	-0.480%/°C				
STC (standard testing conditions)	1000W/m ² · 25°C · AM 1.5g				