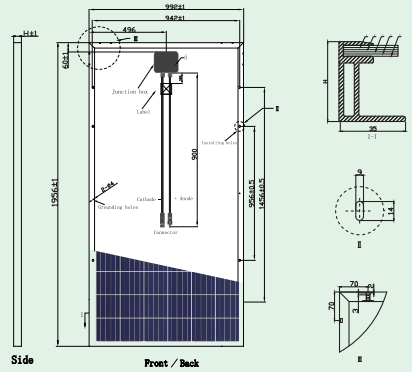
Physical Characteristics



- 90% power output over 12 years
- 80% power output over 25 years
- 10-years extended product workmanship warranty
- PID Free
- 0 to +5W positive tolerance
- 48-hour response service
- Accredited ammonia/salt mist resistance

Electrical Performance

Module Type	EN156P-72-300	EN156P-72-305	EN156P-72-310	EN156P-72-315	EN156P-72-320
Maximum Power at STC(Pmax)	300Wp	305Wp	310Wp	315Wp	320Wp
Maximum Power Voltage(Vmp)	36.14V	36.28V	36.39V	36.50V	36.65V
Maximum Power Current (Imp)	8.31A	8.41A	8.52A	8.63A	8.73A
Open-circuit Voltage(Voc)	44.62V	44.78V	44.88V	44.99V	45.08V
Short-circuit Current (Isc)	8.88A	8.98A	9.09A	9.20A	9.31A
Cell Efficiency(%)	17.40%	17.80%	18.00%	18.40%	18.60%
Module Efficiency(%)	15.46%	15.72%	15.98%	16.23%	16.49%
Operating Temperature(℃)	-40℃~+85℃				
Maximum system voltage	600V（UL）/1000V (IEC) DC				
Maximum rated current series	15A				
Power tolerance	0 ~ +5W				
Standard Test Condition	AM1.5,1000W/M²,25℃				

Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch) 4BB
No.of cells	72 (6×12)
Dimension	1956×992×H mm (H=40、45、50mm)
Weight	22.0、22.5、23.0（kg）
Front Glass	3.2mm，High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	UL 12AWG/TUV 1×4.0 mm²,Length:900 mm

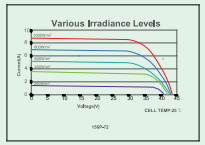
Temperature Coefficient

Temperature coefficients of Pmax	-0.41%/℃
Temperature coefficients of Voc	-0.32%/℃
Temperature coefficients of Isc	0.059%/℃
Nominal operating cell temperature (NOCT)	47±2℃

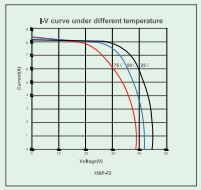
Standard Packaging

Frame H		40 mm	45 mm	50 mm
Quantity/Pallet		26	23	20
Loading Quantity	20'GP	260	230	200
	40'GP	572	506	440
	40'HC	616	550	484

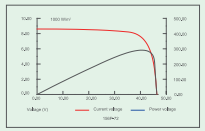
Electrical Characteristics



Current (A)



Power (W)



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