

AMSO SOLAR

200—230W

Standard 48 Cells Crystalline PV Module



Product Feature



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules



High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



High Efficiency

Higher module conversion efficiency (up to 20.37%) benefit from half cell structure (low resistance characteristic)



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment



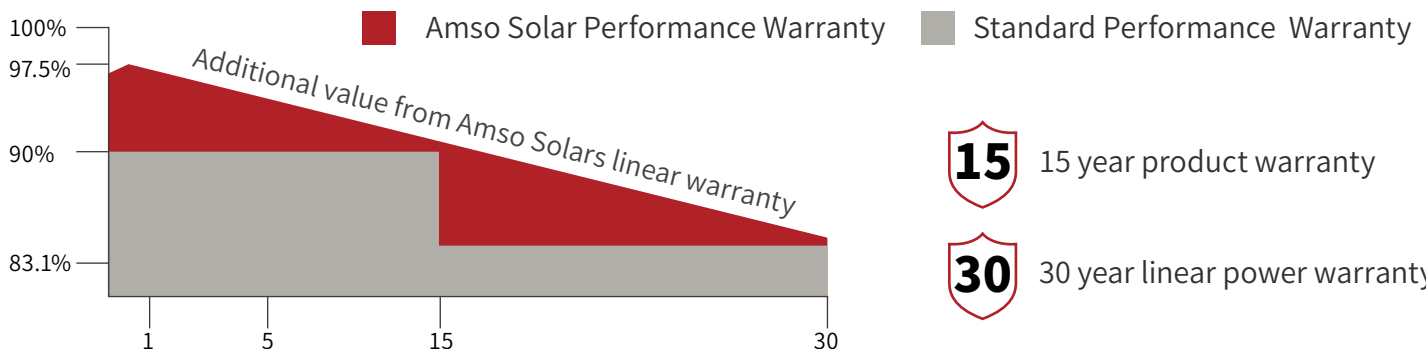
Durability of extreme conditions

High salt mist and ammonia resistance certified by TUV NORD



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



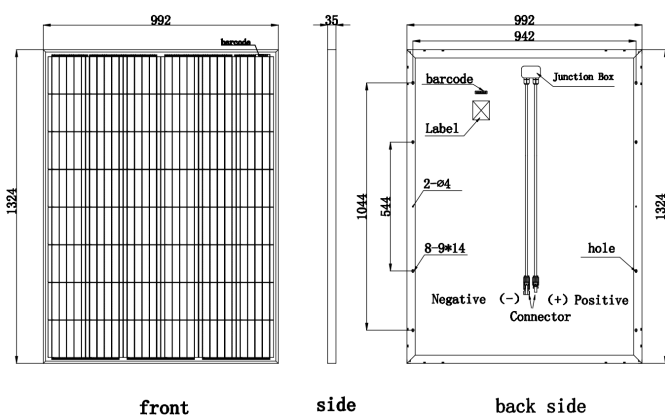
Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	AS200P48	AS210P48	AS215P48	AS220P48	AS230P48
Power(w)	200	210	215	220	230
Number of Cells	48 (6*8)	48 (6*8)	48 (6*8)	48 (6*8)	48 (6*8)
Dimensions(MM)	1324*992*35	1324*992*35	1324*992*35	1324*992*35	1324*992*35
Weight(KG)	15	15	15	15	15
Vmp(v)	24.2	24.6	24.9	25.2	25.5
Imp (A)	8.27	8.54	8.64	8.74	9.02
Voc(v)	29.7	30.3	30.6	30.9	31.2
Isc(A)	8.86	9.00	9.07	9.13	9.39
Module Efficiency	15.2%	16.0%	16.4%	16.8%	17.5%

Mono Crystalline Essential Parameter (NOCT 800W/M Environment Temperature 20°C A.M.1.5)

Model Type	AS200P48	AS210P48	AS215P48	AS220P48	AS230P48
Power(w)	153.65	161.33	165.17	169.01	176.69
Number of Cells	48 (6*8)	48 (6*8)	48 (6*8)	48 (6*8)	48 (6*8)
Dimensions(MM)	1324*992*35	1324*992*35	1324*992*35	1324*992*35	1324*992*35
Weight(KG)	15	15	15	15	15
Vmp(v)	22.06	22.43	22.70	22.97	23.25
Imp (A)	6.96	7.19	7.28	7.36	7.60
Voc(v)	27.39	27.95	28.22	28.50	28.78
Isc(A)	7.53	7.65	7.71	7.76	7.98
Module Efficiency	15.2%	16.0%	16.4%	16.8%	17.5%

Mechanical Drawings



Temperature Rating

Rated battery operating temperature	45±2°C
Maximum power temperature coefficient	-0.4%/°C
Open circuit voltage temperature coefficient	-0.29%/°C
Short circuit current temperature coefficient	-0.05%/°C

Limit parameter

Operating temperature	-40-+85°C
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	15A

Mechanical Characteristics

Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65/IP67 rated
Connectors	MC4 compatible

Packing Configuration

Container	20'GP	40'GP
Pallets per container	14	48
Pieces per container	616	1728

CONTACT INFORMATION

Address: Rm 1603, 99 Zhongshan Rd, Nanjing, China
Tel: 0086-025-85562529

E-mail: info@amsosolar.com
Mobile Phone: 0086-13814007208

CONTACT US!