

JS Module D-180-195W

Characteristics:

- High efficiency, high safety, high reliability
- Stringent quality assurance processes ensure reliable long-term performance
- Attractive guarantee terms backed by leading insurance

Product Guarantee:

- 5 years workmanship warranty
- Guarantee the efficiency of 90% in the first 12 years
- Guarantee the efficiency of 80% in the first 25 years
- Guarantees backed by renowned insurance company

Certificates:



Periodic inspection
Qualified IEC 61215
Safety Tested IEC61730



Manufactured by JS Solar

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Materials:

- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- The sturdy, anodized aluminum frame allows the modules to be mounted on a variety of standard racking systems and to withstand harshest conditions
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells
- Innovative, environmentally friendly packing method using pile-edges ensures modules arrive in perfect condition
- New frame design incorporating hexagonal shaped drainage holes, with more grounding holes, provide flexible installation and use

Electrical Characteristics:

Type	JS	180D	185D	190D	195D
Max-Power	PM(w)	180	185	190	195
Power Tolerance	(%)	±3	±3	±3	±3
Max-Power Voltage	Vm(V)	36,42	36,90	37,10	37,30
Max-Power Current	Im(A)	4,95	5,02	5,12	5,23
Open-Circuit Voltage	Voc(V)	44,40	44,50	44,60	44,70
Short-Circuit Current	Isc(A)	5,30	5,40	5,50	5,60
Max-System Voltage	(VDC)	1000	1000	1000	1000
Cell Efficiency	nc(%)	16,40%	16,80%	17,20%	17,40%
Module Efficiency	nm(%)	14,10%	14,49%	14,88%	15,27%
Number, type and arrangement of cells		72pcs.Mono - Crystalline Silicon(6*12)	72pcs.Mono - Crystalline Silicon(6*12)	72pcs.Mono - Crystalline Silicon(6*12)	72pcs.Mono - Crystalline Silicon(6*12)
Cell Size	mm	125*125 (small rounding degree)	125*125 (small rounding degree)	125*125 (small rounding degree)	125*125 (small rounding degree)
No.of Bypass Diodes	(pcs.)	3	3	3	3
Max.Series Fuse	(A)	15	15	15	15
PM Temperature Coefficient	(%/°C)	-0,55	-0,55	-0,55	-0,55
Isc Temperature Coefficient	(%/°C)	0,03	0,03	0,03	0,03
Voc Temperature Coefficient	(%/°C)	-0,36	-0,36	-0,36	-0,36
NOCT- Nominal Operating Cell Temperature	(°C)	48 ± 2	48 ± 2	48 ± 2	48 ± 2

Mechanical Characteristics:

Mechanical Characteristics

Dimension A*B*C (mm)	1580*808*35
Weight (kg)	16,5
No.of Drining Holes IN Frame	8
Glass Type und Thickness	High Transmission, Low Iron, Tempered Glass 3.2 mm

