

550W MBB Half-cell Module
JAM72S30-550/MR/1500V

Series

565 W N-type Bifacial Double Class High Efficiency JAM66D42 MB/1500V



Higher output power



Higher power generation better LCOE



Less shading and lower resistive loss



n-type with very Low LID



Lower LCOE



Better Temperature Coefficient



Better mechanical loading tolerance



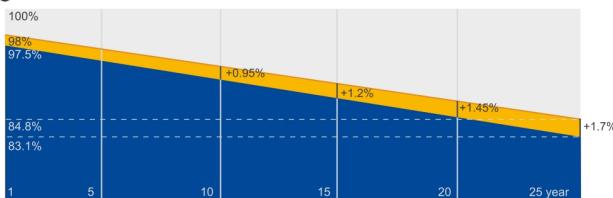
Better low irradiance response

Superior Warranty

12-year product warranty

25-year linear power output warranty

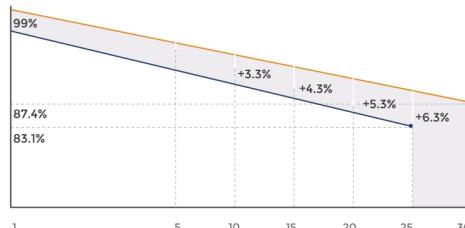
0.55% Annual Degradation
Over 25 years



■ New linear power warranty ■ Standard module linear power warranty

12-year product warranty

30-year linear power output warranty



• n-type Bifacial Double Glass Module Linear Performance Warranty
• Standard Module Linear Performance Warranty

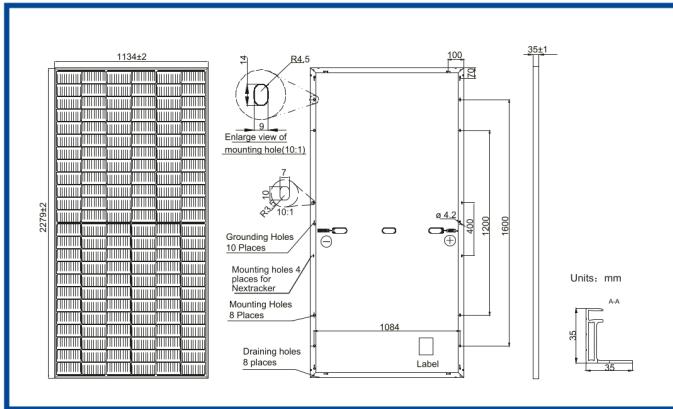
Comprehensive Certificates

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems

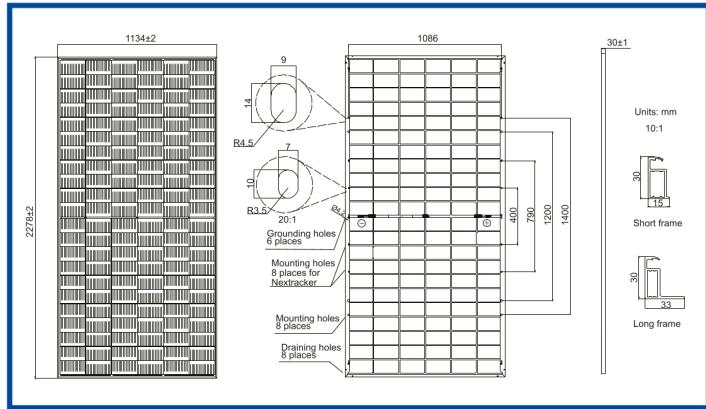


REFERENCE	PUISANCE
JAM72S30-550/MR/1500V	550 W MONOFACIAL
JAM66D42-565/MB/1500V	565 W BIFACIAL
-	590 W MONOFACIAL

JAM72S30-550/MR/1500V



JAM66D42-565/MB/1500V



ELECTRICAL PARAMETERS AT STC		
TYPE	JAM72S30-550/MR/1500V	JAM66D42-565/MB/1500V
Rated maximum power (Pmax) [W]	550	565
Open circuit voltage (Voc) [V]	49.9	47.58
Maximum power voltage (VmP) [V]	41.96	39.79
Short circuit current (Isc) [A]	14	15.06
Maximum power current (Imp) [A]	13.11	14.2
Module Efficiency [%]	21.3	21.9
OPERATING CONDITIONS		
Max systeme Voltage	1500V DC	1500V DC
Operating Temperature	-40°C jusqu' 85°C	-40°C jusqu' 85°C
Max Series Fuse Rating	25A	30A
Max Static Load, Front	3600 Pa, 1,5	3600Pa, 1,5
Max static Load, Back	1600Pa, 1,5	1600Pa, 1,5
NOCT	45C +/- 2	45C +/- 2
SPECIFICATIONS		
CELL	MONO	Mono-16BB
Weight	28,6Kg	31,8Kg
Dimension	2279*1134*35	2278*1134*30
Cable Cross Section Size	4mm² (IEC) 12AWG	4mm² (IEC) 12AWG
No. of cells	144(6*24)	132(6*22)
Jonction Box	IP68, 3 diode	IP68, 3 diode
Connector	GenuineMC4-EVO2	Staubli MC4-EVO2