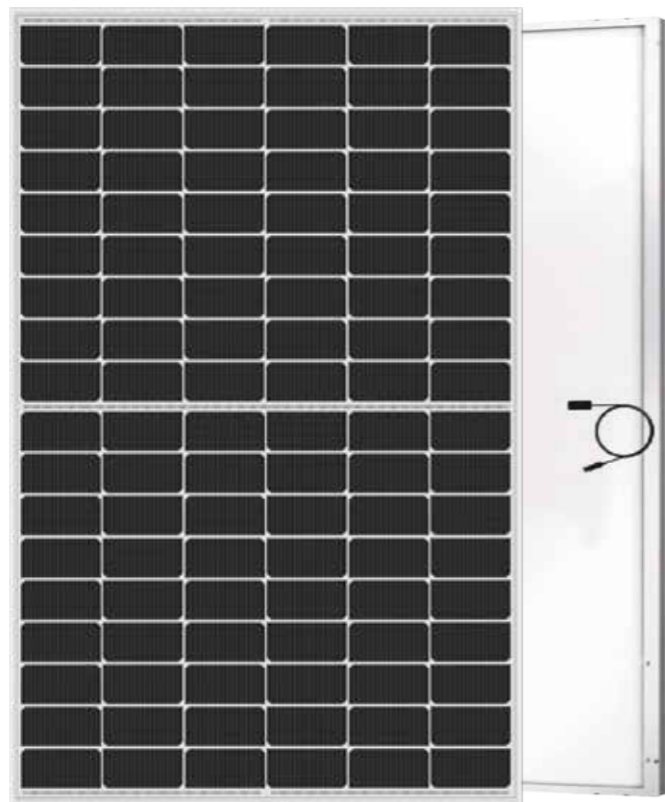


Remark: customized frame color and cable length available upon request

TOPCon 210R3

515-535W

STM-515-535/108-R3



Higher power output **24.1%** up to

PID Resistance



Low-light Performance



Severe Weather Resilience



Durability Against Extreme Environmental Conditions



12
YEARS

12-year Warranty for Materials and Processing

30
YEARS

30-year Warranty for Extra Linear Power Output

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
GB/T 29490-2013



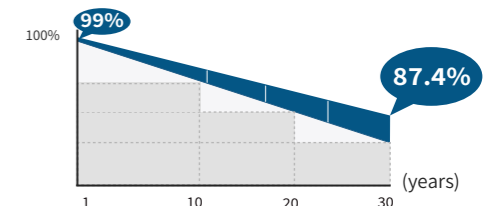
Packaging(pcs/40HQ container)	17.5 meter semi hanging	Dimensions	Weight
31/744pcs 37/888pcs	31/1054pcs 37/1258pcs	1960x1134x35(30)mm	23kg±3%

MECHANICAL SPECIFICATION		OPERATING PARAMETERS	
Cell	N-type mono-crystalline	Maximum System Voltage	1500VDC
No.of cells	108(6x18)	Operating Temperature	-40°C~+85°C
Cable Length	300mm(+)/300mm(-)	Maximum Series Fuse	25A
Cable Cross Section Size	4mm ² (IEC)	Maximum StaticLoad,Front	5400Pa(112lb/ft ²)
Junction Box	IP68,3 diodes	Maximum StaticLoad,Back	2400Pa(50lb/ft ²)
Connector	MC4 Compatible	Safety Class	Class II
STC:AM1.5 1000W/m ² 25°C NOCT:AM1.5 800W/m ² 20°C 1m/s		Test Uncertainty for Pmax ±3%	

Module Type	STM-515/108-R3		STM-520/108-R3		STM-525/108-R3		STM-530/108-R3		STM-535/108-R3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition										
Maximum Power(Pmax/W)	515	390	520	394	525	398	530	402	535	406
Open Circuit Voltage(Voc/V)	40.60	38.57	40.78	38.74	40.96	38.91	41.14	39.08	41.32	39.25
Short Circuit Current(Isc/A)	15.98	12.90	16.01	12.92	16.04	12.95	16.07	12.97	16.10	13.00
Voltage at Maximum Power(Vmp/V)	33.67	32.44	33.87	32.69	34.07	32.95	34.27	33.20	34.47	33.45
Current at Maximum Power(Imp/A)	15.30	12.03	15.36	12.06	15.42	12.08	15.48	12.10	15.54	12.12
Module Efficiency(%)	23.20		23.40		23.60		23.80		24.10	

TEMPERATURE RATINGS	
Normal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.275%/°C
Temperature Coefficient of Pmax	-0.350%/°C

ADDITIONAL VALUE



I-V CURVE(STM-515-535/108-R3)

