

ZXM8-GPLDD132-210mm

ZNSHINE

(PV)
210

TOPCon N-

18BB

675-700

25.0%

0.40%



12



30



IEC 61215/IEC 61730



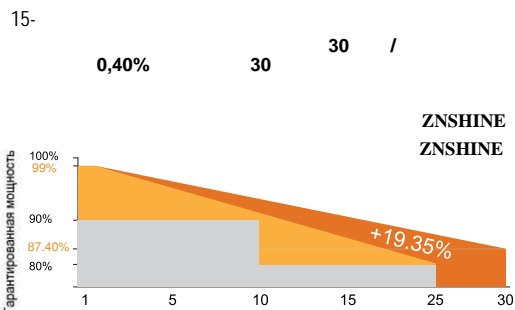
ISO 14001: Environmental Management System - ()

ISO 9001: Quality Management System - ()



ISO45001: Occupational Health and Safety Management System - ()

(Graphene) -



© ZNSHINE SOLAR 2024



SMBB

18BB



1

1



25% (albedo).



PID,)

PID (

VERTEX GLOBAL Co., LTD
Trina solar, JA solar, Jinko solar, Risen solar ZNSHINE solar.

ODM

OEM

ZNSHINE

ZNSHINE

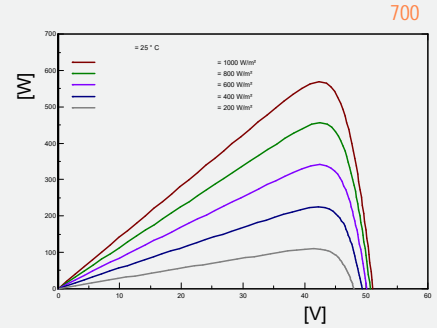
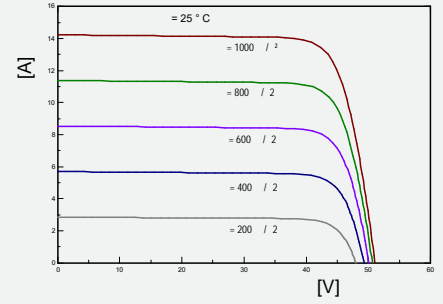
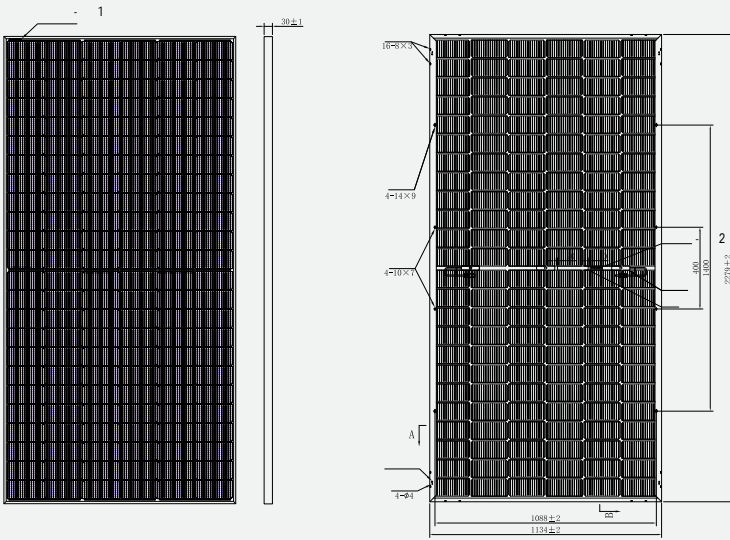
95%.



ZXM8-GPLDD132-210mm

()

700



STC*

	ZXM8 675/N	ZXM8 680/N	ZXM8 685/N	ZXM8 690/N	ZXM8 695/N	ZXM8 700/N
Pmax () *	675±3	680±3	685±3	690±3	695±3	700±3
Vmp ()	39.50	39.70	39.90	40.10	40.30	40.50
Imp ()	17.09	17.13	17.17	17.21	17.25	17.29
Voc ()	47.30	47.50	47.70	47.90	48.10	48.30
Isc (A)	18.07	18.11	18.15	18.19	18.23	18.27
(%)	22.10	22.30	22.50	22.70	22.90	23.10

*STC () : 1000 / 2, 25±2°C, AM 1.5
±3%, , Im, Vm FF,

NPI* (New Product Introduction)

	ZXM8 675/N	ZXM8 680/N	ZXM8 685/N	ZXM8 690/N	ZXM8 695/N	ZXM8 700/N
Pmax () *	675±3	680±3	685±3	690±3	695±3	700±3
Voc ()	47.30	47.50	47.70	47.90	48.10	48.30
Isc(A)	18.07	18.11	18.15	18.19	18.23	18.27

NMOT*

	ZXM8 675/N	ZXM8 680/N	ZXM8 685/N	ZXM8 690/N	ZXM8 695/N	ZXM8 700/N
Pmax () *	511.00	514.70	518.40	522.10	525.80	529.50
Vmp ()	37.20	37.40	37.60	37.80	38.00	38.20
Imp ()	13.73	13.76	13.79	13.82	13.84	13.87
Voc ()	44.70	44.90	45.10	45.30	45.50	45.70
Isc (A)	14.58	14.61	14.64	14.67	14.70	14.74

*NMOT: 800 / 2, 20°C, AM 1.5, 1 / 25%

	ZXM8 675/N	ZXM8 680/N	ZXM8 685/N	ZXM8 690/N	ZXM8 695/N	ZXM8 700/N
Pmax/	675	680	685	690	695	700
Pmax/	844	850	856	863	869	875
Vmp ()	39.60	39.80	40.00	40.20	40.40	40.60
Imp ()	21.31	21.36	21.41	21.46	21.51	21.56
Voc ()	47.40	47.60	47.80	48.00	48.20	48.40
Isc (A)	22.53	22.58	22.63	22.68	22.73	22.77

	TOPCon N-	18BB 210
		132 (6×22)
		2384×1303×35 mm ()
		38.5±1.0 kg
		2.0 mm±2.0mm,
		PV-XT1609Nxyz, IP 68, 3
		H1Z2Z2-K 1×4,0mm ²
		PV-XT101.1

	TOPCon N-	18BB 210
NMOT	44°C ±2°C	1500 V DC
Pmax	(-0.30±0.03)%/°C	-40°C~+85°C
Voc	-0.25%/°C	30 A
Isc	0.046%/°C	3600/1600
	φIsc/φPmax=80±10%, φVoc=100±10%	1,5

	31
	558

* NPI* New Product Introduction - ()
* NMOT* Normal Module Operating Temperature - ()
* STC* Standard Test Conditions -