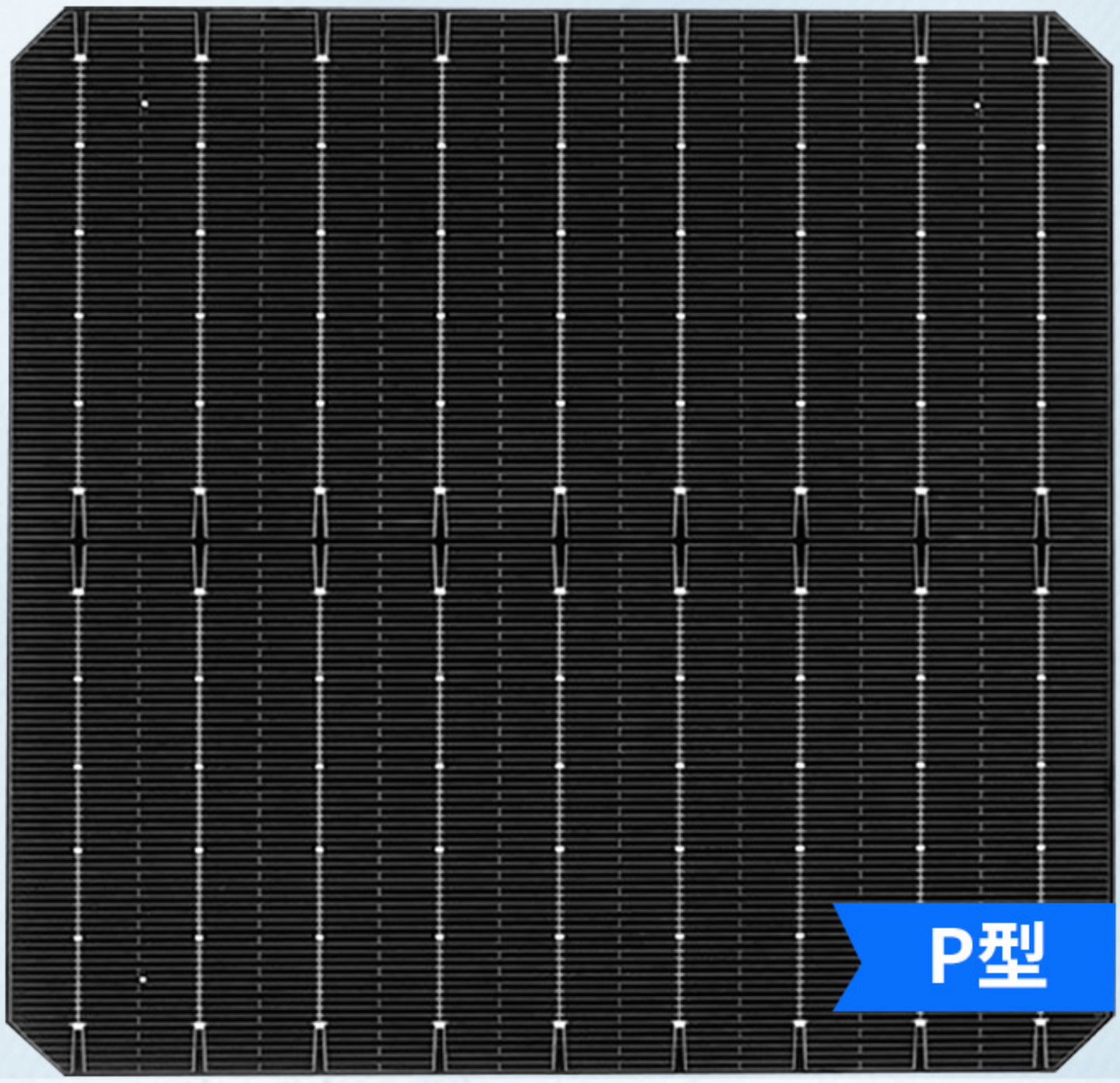
DOUBLE-SIDED SINGLE CRYSTAL P-TYPE CELL

High conversion rate and stable performance



PRODUCT FEATURES

High conversion efficiency, positive efficiency ⩾23.5% Two-sided ratio ⩾75%

Superior anti-PID performance The photoinduced attenuation is ⩽1.5%

The power temperature coefficient is as low as -0.34%/K 200W/m² low light relative conversion efficiency ⩾95%

Lower sealing loss, more suitable for efficient components

QUALITY CONTROL

The accuracy of the efficiency test was controlled at ±0.1%

Electrical performance, appearance, EL100% automatic inspection

The calibration piece was traced to Fraunhofer ISE

COMPREHENSIVE PRODUCT AND SYSTEM CERTIFICATION

ISO 9001:2015 quality management

ISO 14001:2015 Environmental management

ISO 45001:2018 Occupational health and safety management

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PRODUCT SPECIFICATIONS

Dimensions and specifications	182MMX182MM±0.25MM,Φ247±0.25MM
Battery thickness	150μM±15μM
head	The number of fine grid lines with pad point width 0.8mm-1.4mm is 158±10
Material	Silicon nitrogen oxide
Back side	Back pole width 1.65±0.2mm 180 aluminum wires
Material	Silicon nitrogen oxide

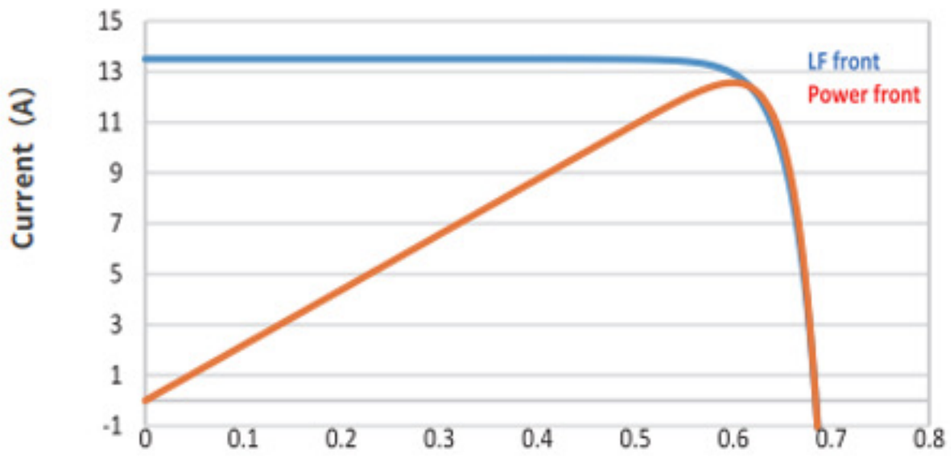
ELECTRICAL PERFORMANCE CHARACTERISTIC

EFF(%)	PMPP(W)	UMPP(V)	IMPP(A)	UOC(V)	ISC(A)	FF(%)
23.8	7.86	0.621	12.658	0.682	14.030	82.12
23.7	7.83	0.620	12.624	0.681	14.011	82.01
23.6	7.79	0.619	12.590	0.680	13.992	81.90
23.5	7.76	0.618	12.554	0.697	13.610	81.79
23.4	7.73	0.617	12.521	0.696	13.597	81.63
23.3	7.69	0.616	12.488	0.695	13.583	81.49
23.2	7.66	0.615	12.454	0.694	13.568	81.34
23.1	7.63	0.614	12.421	0.693	13.551	81.21
23.0	7.59	0.613	12.387	0.692	13.498	81.29
22.9	7.56	0.612	12.354	0.691	13.479	81.17
22.8	7.53	0.611	12.320	0.690	13.449	81.12

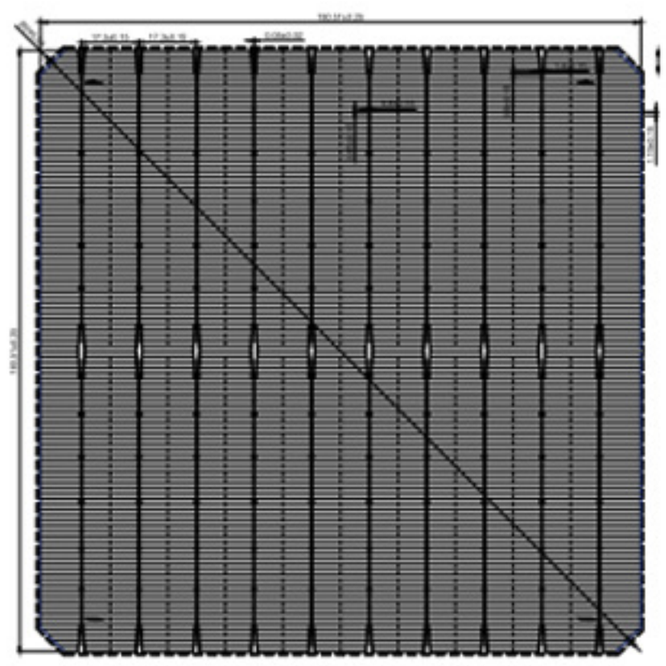
SPECTRAL RESPONSE

Intensity(W/m 2)	Uoc	Isc
1000	1.000	1.000
800	0.991	0.801
600	0.989	0.601
400	0.962	0.402

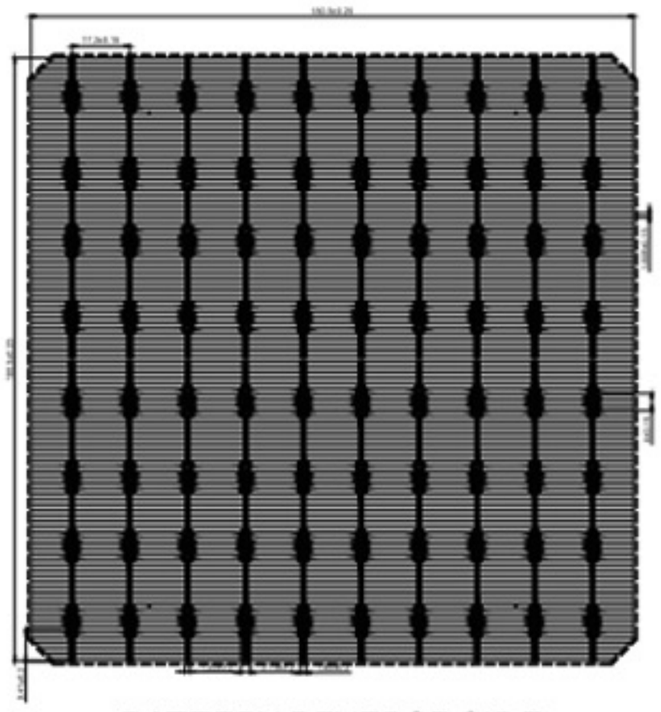
LV CURVE



BATTERY SIZE



BATTERY FRONT



BATTERY REVERSE SIDE