

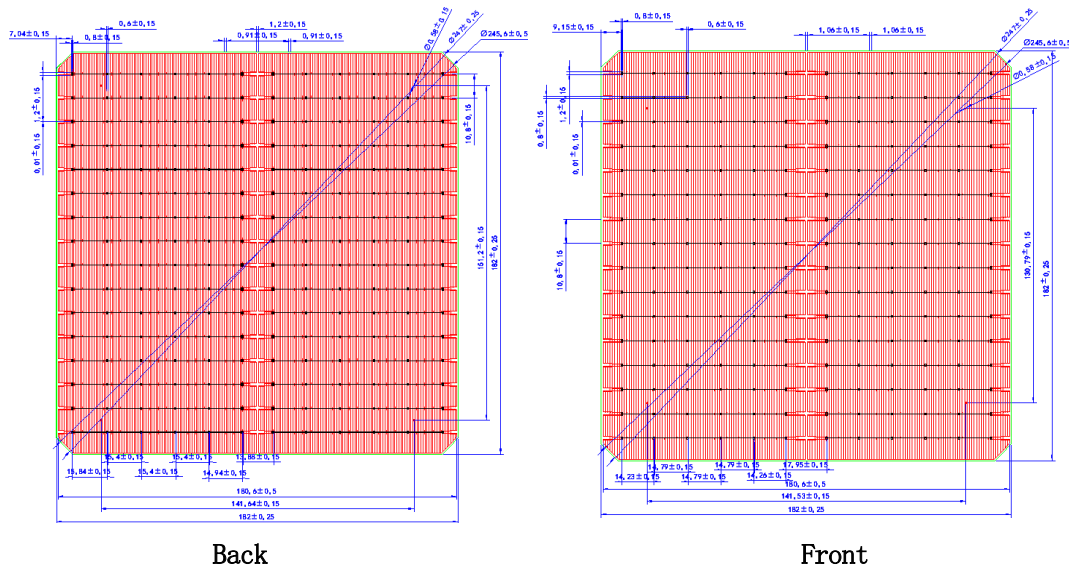


Suzhou Enjoysun Technology Co.,Ltd

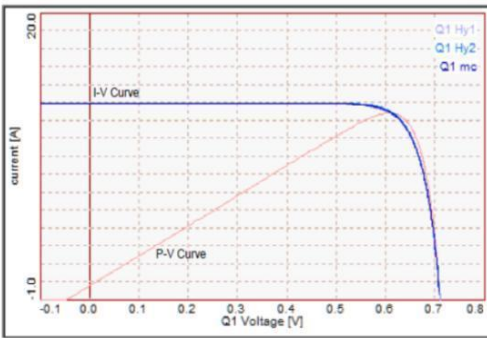
Suzhou Enjoysun PV Mono-crystalline

M182.2 TOPCon Solar Cell

Product Appearance



Technical data and Design		
Dimension	182.2mm*182.2mm±0.25 mm,247mm±0.2 5mm	Tk Voltage: -0.22%/K
Thickness	130±10 μm	Tk Current: +0.051%/K
Front(+)	16*0.03±0.02mm busbars (Silver), 160±30 finger grids, blue (dark blue) anti-reflecting coating (silicon nitride)	Tk Power: -0.30%/K
Back(-)	16*0.03±0.02mm busbars (Silver), 190±30 finger grids, blue (dark blue) anti-reflecting coating (silicon nitride)	Rsh≥50Ω , Irev2≤1.5A

Light Intensity Dependence			IV	
Intensity(W/m ²)	Voc	Isc		
1000	1.000	1.000		
900	0.998	0.901		
800	0.995	0.802		
600	0.992	0.603		
400	0.977	0.401		
Ratio of Voc (Isc) at reduced intensity to Voc (Isc) at 1000W/m.				

Electrical Parameter(Front)/ Standard Testing Conditions: 1000W/m ² , AM1.5, 25°C							
Product	Eff	Pmpp	Impp	Umpp	Uoc	Isc	FF
	%	W	V	A	V	A	%
JCM10MN/A1	26.4	8.716	0.635	13.726	0.741	13.774	85.45
JCM10MN/A2	26.3	8.683	0.634	13.700	0.739	13.774	85.28
JCM10MN/A3	26.2	8.650	0.633	13.674	0.738	13.777	85.10
JCM10MN/A4	26.1	8.617	0.631	13.648	0.737	13.765	84.92
JCM10MN/A5	26.0	8.584	0.630	13.621	0.736	13.769	84.74
JCM10MN/A6	25.9	8.551	0.629	13.594	0.735	13.766	84.56
JCM10MN/A7	25.8	8.518	0.628	13.568	0.733	13.763	84.38
JCM10MN/A8	25.7	8.485	0.627	13.541	0.732	13.761	84.20
JCM10MN/A9	25.6	8.452	0.625	13.514	0.731	13.759	84.02
JCM10MN/A10	25.5	8.419	0.624	13.487	0.730	13.756	83.84
JCM10MN/A11	25.4	8.386	0.623	13.460	0.729	13.754	83.66
JCM10MN/A12	25.3	8.353	0.622	13.433	0.728	13.751	83.48
JCM10MN/A13	25.2	8.320	0.621	13.406	0.726	13.748	83.30
JCM10MN/A14	25.1	8.287	0.619	13.379	0.725	13.745	83.12
JCM10MN/A15	25.0	8.254	0.618	13.351	0.724	13.742	82.94
JCM10MN/A16	24.9	8.221	0.617	13.324	0.723	13.739	82.76
JCM10MN/A17	24.8	8.188	0.616	13.292	0.722	13.736	82.60
JCM10MN/A18	24.7	8.155	0.615	13.260	0.720	13.733	82.43
JCM10MN/A19	24.6	8.122	0.614	13.228	0.719	13.73	82.25
JCM10MN/A20	24.5	8.089	0.613	13.195	0.718	13.727	82.07
JCM10MN/A21	24.4	8.056	0.612	13.163	0.717	13.724	81.89