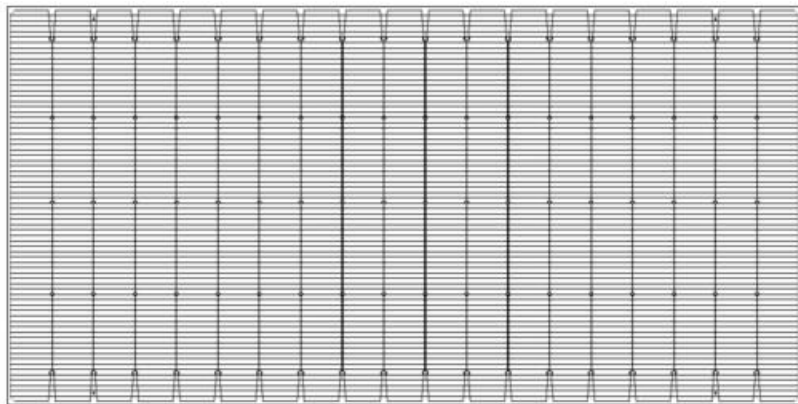
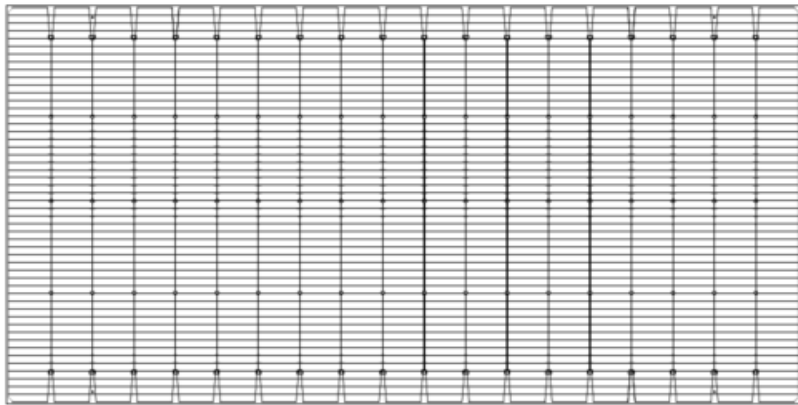


MONOCRISTALLINE M10 HJT SOLAR CELLS 182mm-18BB - CONFIDENTIAL

Solar cell structure



Mechanical Characteristics

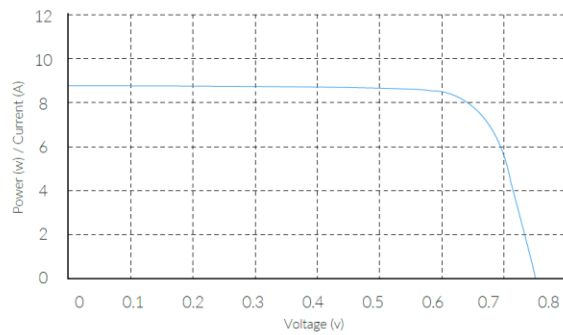
Product	HJT Monocrystalline solar cell
Format	18BB, N-type, 182mm*91.75mm±0.25mm
Average Thickness (Si)	130µm ±13µm
Front Surface(-)	18 soldering pads (silver) Dark blue anti-reflecting ITO coating (Indium tin oxide)
Back Surface(+)	18 soldering pads (silver) Dark blue anti-reflecting ITO coating (Indium tin oxide)

ELECTRICAL CHARACTERISTICS (STC)

Power Class			HS-G10-245	HS-G10-246	HS-G10-247	HS-G10-248	HS-G10-249	HS-G10-250	HS-G10-251	HS-G10-252
Maximum Power	Pmpp	[W]	4.10	4.12	4.14	4.15	4.17	4.18	4.19	4.21
Short Circuit Current	Isc	[A]	6.53	6.54	6.55	6.56	6.57	6.58	6.59	6.60
Open Circuit Voltage	Voc	[V]	0.747	0.747	0.747	0.747	0.747	0.748	0.748	0.748
Efficiency	η	[%]	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2

*PERFORMANCE AT STANDARD TEST CONDITIONS, STC: 1000 W/m², 25°C, AM 1.5 G

TYPICAL CURRENT/POWER-VOLTAGE CURVES (25.0%)



SPECTRAL RESPONSE

