

Product characteristics



High conversion efficiency
Front efficiency $\geq 25\%$



LID is "0"
Bifacial rate $\geq 80\%$



Superior anti-PID performance



Temperature coefficient of Power
As low as $-0.30\%/K$



Relative conversion efficiency $\geq 98\%$ under low light ($200W/m^2$)



Lower Cell to Module (CTM) Loss Rate, more suitable for high-efficiency module



TOPCon HS-182M



HERSHEY-POWER

Temperature Coefficients

TkCurrent: $0.045\%/K$

TkVoltage: $-0.25\%/K$

TkPower: $-0.30\%/K$

Quality Control

The accuracy of the efficiency test is controlled within $\pm 0.1\%$

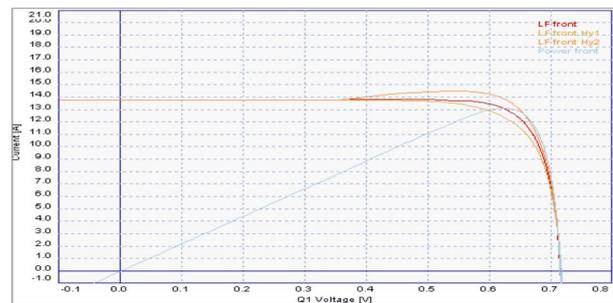
Calibration cells are traceable to Fraunhofer ISE

Electrical performance, appearance, EL 100% automatic inspection

Geometry characteristics

Model	182 Topcon Bifacial solar cell
Geometry	182mmx182mm ± 0.5 mm, $\Phi 247.28$ mm ± 0.5 mm
Thickness	130 μ m ± 13 μ m
Front	16 busbars, 12 pads, 160 fingers, busbar width 0.036 ± 0.02 mm
Back	16 busbars, 12 pads, 146 fingers, busbar width 0.036 ± 0.02 mm

IV Curve



Spectral response

