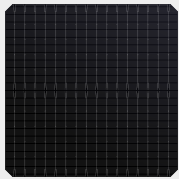


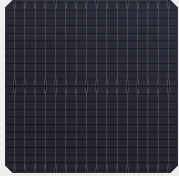
STD-TM1016  
N-Type TOPCon

KEY FEATURES

- High Photoelectric Conversion Efficiency
- Higher Power Generation
- Excellent Resistance to Hidden Cracks
- Higher Efficiency in Power Generation



Front



Back

Size : 182.2mm\*182.2mm±0.25mm

Thickness :130±13μm

Solderability : ≥0.8N/mm

The results may vary depending to DS,welding methods and conditions.

Technical Data And Design

|                                                                                       |                    |                    |
|---------------------------------------------------------------------------------------|--------------------|--------------------|
| Power: -0.38%/K                                                                       | Voltage: -0.30 %/K | Current: +0.048%/K |
| Front (-): 0.036±0.02mm busbars(silver)                                               |                    |                    |
| Back (+): 0.036±0.02mm busbars(silver) black anti-reflecting coating(silicon nitride) |                    |                    |

Front Electrical Performance Parameters

| No. | Eff (%) | Pmpp | Voc   | Isc    | Vmpp  | Impp   |
|-----|---------|------|-------|--------|-------|--------|
| 1   | 25.60   | 8.45 | 0.728 | 13.714 | 0.625 | 13.523 |
| 2   | 25.50   | 8.42 | 0.727 | 13.712 | 0.624 | 13.491 |
| 3   | 25.40   | 8.39 | 0.726 | 13.712 | 0.622 | 13.482 |
| 4   | 25.30   | 8.35 | 0.726 | 13.712 | 0.621 | 13.450 |
| 5   | 25.20   | 8.32 | 0.725 | 13.709 | 0.620 | 13.419 |
| 6   | 25.10   | 8.29 | 0.724 | 13.706 | 0.618 | 13.409 |
| 7   | 25.00   | 8.25 | 0.724 | 13.706 | 0.617 | 13.377 |
| 8   | 24.90   | 8.22 | 0.723 | 13.705 | 0.615 | 13.367 |
| 9   | 24.80   | 8.19 | 0.723 | 13.704 | 0.614 | 13.335 |
| 10  | 24.70   | 8.15 | 0.722 | 13.699 | 0.613 | 13.303 |
| 11  | 24.60   | 8.12 | 0.721 | 13.695 | 0.611 | 13.292 |
| 12  | 24.50   | 8.09 | 0.720 | 13.693 | 0.610 | 13.260 |

Iv Curve

