

M10 P-TYPE MODULE

# 545W-560W

Premium Quality *Monofacial*

**144 CELL**

M10 MONO PERC

**21.68%**

MAXIMUM EFFICIENCY

**0 to +5W**

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



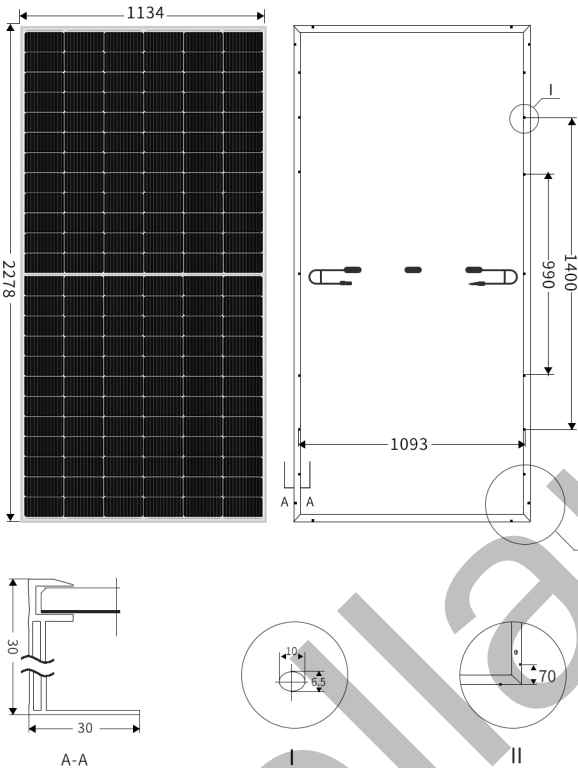
Reduce Equipment & Material Cost



| Module Type           |                      | PW-72M545HM10 |        | PW-72M550HM10 |        | PW-72M555HM10 |        | PW-72M560HM10 |        |
|-----------------------|----------------------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
| Test Environment      |                      | STC           | NOCT   | STC           | NOCT   | STC           | NOCT   | STC           | NOCT   |
| Maximum Power         | P <sub>MAX</sub> (W) | 545           | 405.61 | 550           | 409.33 | 555           | 413.03 | 560           | 416.77 |
| Maximum Power Voltage | V <sub>MPP</sub> (V) | 40.86         | 38.02  | 40.99         | 38.14  | 41.12         | 38.26  | 41.25         | 38.38  |
| Maximum Power Current | I <sub>MPP</sub> (A) | 13.34         | 10.67  | 13.42         | 10.73  | 13.5          | 10.79  | 13.58         | 10.85  |
| Open Circuit Voltage  | V <sub>OC</sub> (V)  | 49.5          | 46.73  | 49.65         | 46.87  | 49.8          | 47.01  | 49.95         | 47.15  |
| Short Circuit Current | I <sub>SC</sub> (A)  | 14.04         | 11.34  | 14.13         | 11.41  | 14.22         | 11.48  | 14.31         | 11.55  |
| Tolerance             | (W)                  | 0 - +5        |        | 0 - +5        |        | 0 - +5        |        | 0 - +5        |        |
| Module Efficiency     | (%)                  | 21.10         |        | 21.29         |        | 21.48         |        | 21.68         |        |

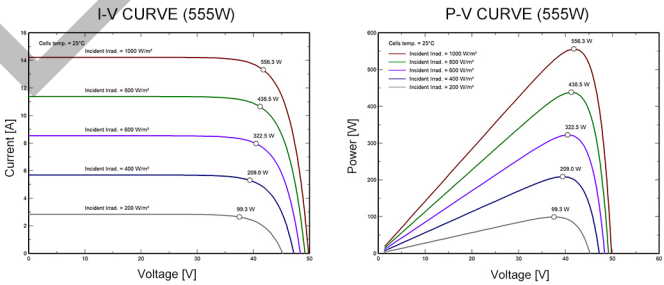
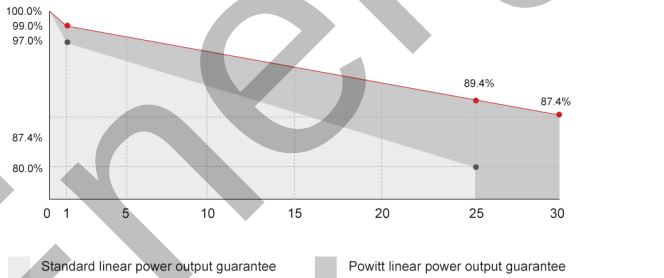
STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m<sup>2</sup> according to EN 60904-1  
NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty    30 Year Linear Power Warranty



| MECHANICAL DATA         |                                                                | TEMPERATURE RATINGS                         |              |
|-------------------------|----------------------------------------------------------------|---------------------------------------------|--------------|
| Cell Type               | Mono PERC                                                      | Nominal Operating Cell Temperature(NOCT)    | 45±2°C       |
| No. of Cells            | 144 (6 x 24)                                                   | Temperature Coefficient of P <sub>MAX</sub> | -0.35%/°C    |
| Module Dimensions       | 2278 x 1134 x 30mm                                             | Temperature Coefficient of V <sub>OC</sub>  | -0.28%/°C    |
| Weight                  | 27kg                                                           | Temperature Coefficient of I <sub>SC</sub>  | +0.048%/°C   |
| Glass                   | Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm | MAXIMUM RATINGS                             |              |
| Backsheet               | White                                                          | Operational Temperature                     | -40 to +85°C |
| Frame                   | Anodized Aluminium Alloy                                       | Maximum System Voltage                      | 1500V DC     |
| Junction Box            | IP 68 Rated                                                    | Max Series Fuse Rating                      | 25A          |
| Cables                  | 4.0mm <sup>2</sup> , 350mm or Customized Length                | Mechanical Load                             | 5400pa       |
| Connector               | MC4 Compatible                                                 | Wind Load                                   | 2400pa       |
| PACKAGING CONFIGURATION | 36 pcs/Pallet, 720 pcs/40'HQ                                   |                                             |              |