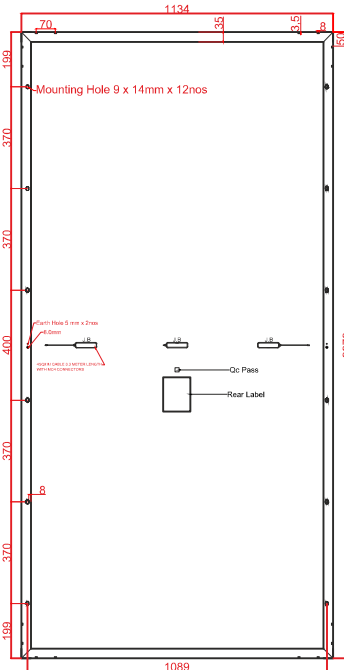
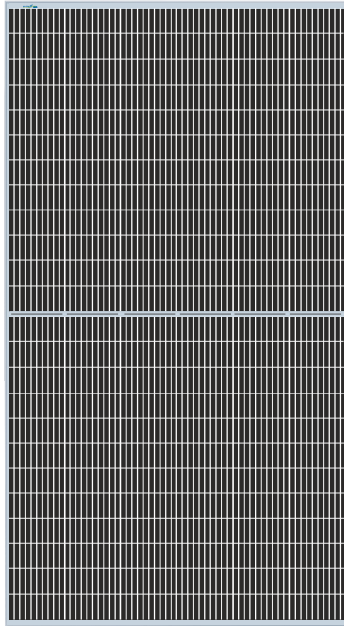


# Pacific Series Mono PERC Half cut SEPLM10 | 144 Cells | 530-550Wp



## Technical Parameters - 144 Half Cut Cells

Electrical Parameters STC at 1000W/m<sup>2</sup> at 25°C

| Model | Voc   | Vmax  | Imax  | Isc   | Pmax   | Eff   | FF    |
|-------|-------|-------|-------|-------|--------|-------|-------|
| 550   | 49.45 | 42.60 | 12.95 | 13.90 | 550.00 | 21.29 | 80.01 |
| 545   | 49.35 | 42.55 | 12.85 | 13.80 | 545.00 | 21.09 | 80.02 |
| 540   | 49.30 | 42.50 | 12.75 | 13.65 | 540.00 | 20.90 | 80.43 |
| 535   | 49.27 | 42.48 | 12.60 | 13.50 | 535.00 | 20.71 | 80.43 |
| 530   | 49.25 | 42.40 | 12.50 | 13.45 | 530.00 | 20.51 | 80.01 |

Module Dimensions (mm)  
2278 x 1134 x 35

Electrical Parameters NOCT at 800W/m<sup>2</sup> at 45°C

| Model | Voc   | Vmax  | Imax  | Isc   | Pmax   |
|-------|-------|-------|-------|-------|--------|
| 550   | 45.55 | 37.99 | 10.42 | 11.25 | 395.94 |
| 545   | 45.46 | 37.95 | 10.34 | 11.17 | 392.43 |
| 540   | 45.42 | 37.90 | 10.26 | 11.05 | 388.91 |
| 535   | 45.39 | 37.88 | 10.14 | 10.93 | 384.16 |
| 530   | 45.37 | 37.81 | 10.06 | 10.89 | 380.39 |

Cell Size (mm)  
91 x 182

## Design Parameters

|                                   |         |
|-----------------------------------|---------|
| VOLTS                             | 24      |
| NOCT (°C)                         | 45±2    |
| Temp. Coeff of Pmax (%/°C)        | -0.39   |
| Temp. Coeff of Isc (%/°C)         | +0.06   |
| Temp. Coeff of Voc (%/°C)         | -0.33   |
| Max. System Voltage (VDC)         | 1500    |
| Design Load (Pa)                  | 2400    |
| Max. Operational Temperature (°C) | +85°C   |
| Max. Series Fuse Rating           | 25A     |
| By-pass Diode Rating              | 25A     |
| Fire Class Rating                 | Class C |

## Mechanical data

|                                 |   |
|---------------------------------|---|
| Length                          | 2278 mm   |
| Width                           | 1134 mm   |
| Height                          | 35 mm   |
| Weight                          | 28.5 Kg   |
| Junction box                    | IP 67 / IP 68   |
| Cable and Connectors            | 300 mm length cable, MC4 & Amphenol compatible connectors |
| Application class               | Class A (Safety class II)                                 |
| Superstrate                     | High transmittance ARC glass                              |
| Cells                           | 144 Half Cut MONO PERC solar cells; 10 BB                 |
| Encapsulation                   | Low shrinkage PID resistant EVA                           |
| Substrate                       | Tri layer backsheet                                       |
| Frame                           | Anodized aluminium frame with twin wall profile           |
| Mechanical load test as per IEC | 5400 Pa-front; 2400 Pa-back                               |
| Maximum series fuse rating      | 25 A  |

## Warranty and certifications

### Product warranty\*\*

10 years of product warranty  
25 years of Performance warranty

### Approvals and certificates:

BIS / IS 14286, IEC 61730-1 (Type Approval)  
IEC 61730-2 (Type Approval), IEC 61701 (Salt Mist)  
IEC 62804 (PID Test), IEC CB 61215 (Performance)  
Under Process



Current / Voltage Dependence on Irradiance and Module temperature. These I.V Curves Indicate the Effect of temperature and Lite Intensity on Module Performance.

**Note :** The Technical Data & Specification are Mentioned in the data Sheet may changed without prior notice due to continuous improvements innovations in the product. Please Contact Marketing for the latest updates and data sheet before finalizing the Order, be advised that solar PV Modules should be handed and installed by qualified personnel and please Refer Installation, Operation & Maintenance Manual before handling and start installation for safety and installation.