

| Electrical Characteristics | |
|------------------------------------|-------------------------------------|
| Type | SA50-36P |
| Maximum power (Wp) | 50.00 |
| Maximum power voltage (V) | 19.00 |
| Maximum power current (A) | 2.60 |
| Open circuit voltage (V) | 22.80 |
| Short circuit current (A) | 2.90 |
| Cell Efficiency (%) | 17.00% |
| FF (%) | ≥74% |
| Maximum system voltage (V) | 715V |
| Temperature Range | -40℃ to +85℃ |
| Power tolerance (%) | ±10% |
| Standard Test Conditions | 1000W/m ² , AM1.5 , 25℃ |
| Mechanical Characteristics | |
| Solar cell | Poly |
| Number of cells (Pcs) | 36 |
| Size of module (mm) | 540*676*25 |
| Weight per piece (kg) | 4 |
| Front Glass | 3.2 mm tempered glass |
| Surface Maximum Load Capacity | 60m/s(200kg/sq.m) |
| Allowable Hail Load | steel ball fall down from 1m height |
| Frame | Anodized aluminium alloy |
| Junction Box Type | 73*59mm |
| Temperature coefficients | |
| Nominal Operating Cell Temperature | 45±2℃ |
| Temperature coefficients β (Voc) | Between -0.24%/℃ to -0.33%/℃ |
| Temperature coefficients γ (Pm) | Between -0.37%/℃ to -0.42%/℃ |
| Temperature coefficients α(Isc) | Between 0.03%/℃ to 0.04%/℃ |