

## The Specifications Parameter of Mono-crystalline silicon Solar panel

| Rated Power (W) | Optimum operation voltage Vmp(V) | Optimum operation current Imp(A) | Open circuit voltage Voc(V) | Short-circuit current Isc(A) | Model Size L*W*H (MM) |
|-----------------|----------------------------------|----------------------------------|-----------------------------|------------------------------|-----------------------|
| 5W              | 17.5                             | 0.29                             | 21.5                        | 0.32                         | 230*300*28            |
| 8W              | 17.5                             | 0.47                             | 21.5                        | 0.51                         | 354*290*28            |
| 10W             | 17.5                             | 0.57                             | 21.5                        | 0.63                         | 354*290*28            |
| 20W             | 17.5                             | 1.14                             | 21.5                        | 1.26                         | 630*300*28            |
| 30W             | 17.5                             | 1.71                             | 21.5                        | 1.88                         | 500*550*28            |
| 40W             | 17.5                             | 2.29                             | 21.5                        | 2.53                         | 630*550*28            |
| 50W             | 17.5                             | 2.86                             | 21.5                        | 3.14                         | 750*550*35            |
| 60W             | 17.5                             | 3.43                             | 21.5                        | 3.77                         | 880*550*35            |
| 70W             | 17.5                             | 4.0                              | 21.5                        | 4.43                         | 1030*550*35           |
| 75W             | 17.5                             | 4.29                             | 21.5                        | 4.74                         | 1200*550*35           |
| 80W             | 17.5                             | 4.57                             | 21.5                        | 5.06                         | 1200*550*35           |
| 90W             | 17.5                             | 5.14                             | 21.5                        | 5.69                         | 1200*550*35           |
| 100W            | 17.5                             | 5.71                             | 21.5                        | 6.32                         | 990*808*35            |
| 120W            | 35.5                             | 3.38                             | 43.5                        | 3.75                         | 1150*550*35           |
| 170w            | 35.5                             | 4.79                             | 43.5                        | 5.31                         | 1580*808*35<br>(45° ) |
| 180W            | 35.5                             | 5.07                             | 43.5                        | 5.62                         | 1580*808*35<br>(45° ) |
| 200W            | 26.2                             | 7.63                             | 32.9                        | 8.21                         | 1490*990*46           |
| 220W            | 29.5                             | 7.46                             | 36.6                        | 8.12                         | 1640*990*46           |
| 280W            | 35.5                             | 7.89                             | 43.9                        | 8.61                         | 1968*990*46           |