PV Parameters under Partial Shading Conditions:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parameters  Shading  Conditions | Voc  (V) | Isc  (A) | Vmp  (V) | Imp  (A) | Pmp  (W) |
| Centre | 228.3 | 57.59 | 195.2 | 36.71 | 7166 |
| Corner | 229.3 | 57.59 | 197.5 | 36.67 | 7249 |
| Diagonal | 228.9 | 53.48 | 188.3 | 43.74 | 8234 |
| Frame | 225.0 | 39.49 | 195.4 | 23.79 | 4648 |
| L-shaped | 227.3 | 51.01 | 134.0 | 42.50 | 5696 |
| Random | 228.4 | 54.30 | 195.5 | 37.51 | 7333 |
| Right side end | 228.4 | 52.66 | 193.3 | 36.68 | 7091 |
| Uniform | 230.3 | 57.59 | 184.2 | 53.24 | 9806 |