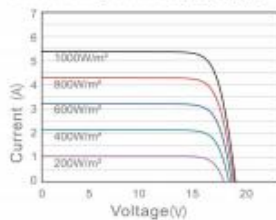


## 100W/18V Monocrystalline silicon solar panel specification

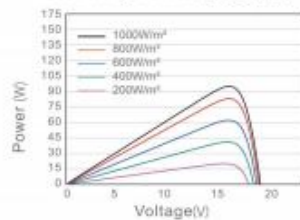
| component                                                   | parameter                                                                     |
|-------------------------------------------------------------|-------------------------------------------------------------------------------|
| description                                                 | Solar cell module                                                             |
| model                                                       | GH-LKH-100W                                                                   |
| Maximum power (W)                                           | 100W                                                                          |
| Maximum operating voltage (V)                               | 18.24V                                                                        |
| Maximum operating current (A)                               | 5.48A                                                                         |
| Open circuit voltage (V)                                    | 21.8V                                                                         |
| Short circuit current (A)                                   | 5.81A                                                                         |
| Maximum system voltage (V)                                  | 1000V                                                                         |
| Cell conversion rate (%)                                    | 24.5%                                                                         |
| Module conversion rate (%)                                  | 21.6%                                                                         |
| Cell type (single crystal/polycrystal)                      | single crystal silicon 182*182                                                |
| Solar Cells Number(PCS)                                     | 24 PCS(4x6)                                                                   |
| Battery size (mm)                                           | 182x91                                                                        |
| Maximum power temperature coefficient Pm (%/°C)             | -0.45%/°C                                                                     |
| Open circuit voltage temperature coefficient Voc (%/°C)     | -0.35%/°C                                                                     |
| Temperature coefficient of short circuit current Isc (%/°C) | +0.05%/°C                                                                     |
| Test standard condition                                     | Am1.5 25°C 1000W/m <sup>2</sup>                                               |
| Solar Module Specifications (mm)                            | 1295*398*4                                                                    |
| Tolerance (%)                                               | ±5%                                                                           |
| operating temperature range                                 | -40°C~90°C                                                                    |
| product mix                                                 | Tempered glass +EVA+ solar chip +EVA+TPT+ international standard junction box |
| glass                                                       | Low iron tempered high transmittance suede glass                              |
| Junction box type                                           | International standard junction box                                           |

### Characteristics

Current Voltage Curve TYL100M/32



Power Voltage Curve TYL100M/32



Current Voltage Curve TYL100M/32

