

# TYN-20AH Solar Energy Suit

## 60W Solar Panel Iptional



Model	Solar Photovoltaic Panel-60W(Single crystal)
Rated Power	60W
Power Tolerance	+3%
Rated Voltage	17.56V
Service Life	25 years
Maximum Power	60.46W
Maximum Power Voltage	17.56V
Maximum Current	2.85A
Short-circuit Current	3.45A
Open Circuit Voltage	22.32V
Temperature Coefficient of ISC	+0.04
Temperature Coefficient of VOC	-0.38
Power Temperature Coefficient	-0.47
Temperature Coefficient of IM	+0.04
Temperature Coefficient of VM	-0.38
Temperature Range	-40 ~ +85°C
Bypass Diode Rated Current	12A
Allowable Load	23m/s, 7.53g
Surface Maximum Load Capacity	2400Pa
Product Size	590*679*30mm
Weight	KG

## 20AH Solar lithium battery



<b>Model</b>	<b>Battery BAT01-20AH</b>
<b>Electric Core</b>	<b>Dynamic type 18650 Ternary lithium ion</b>
<b>Ccapacity</b>	<b>Minimum: 20Ah, Maximum: 20.6Ah</b>
<b>Nominal Voltage</b>	<b>12V</b>
<b>Charge/Discharge Protection Voltage</b>	<b>12.6V/9V</b>
<b>Normal Charging Current</b>	<b>10A</b>
<b>Maximum Charge/Discharge Current</b>	<b>20A</b>
<b>Recommended Discharge Temperature</b>	<b>-20°C~60°C</b>
<b>Recommended Charging Temperature</b>	<b>-5°C~45°C</b>
<b>Supporting Solar Plate Types</b>	<b>18V Monocrystalline solar panels, Polycrystalline solar panels, Thin film solar panels</b>
<b>Recommended Solar panel capacity</b>	<b>Total load≤100W/day, Suggested collocation 50W Solar panels; Total load&gt;100W/day,Suggested collocation 50W-100WSolar panels;</b>
<b>Solar Manager Performance</b>	<b>Supporting Reverse Connection Protection of Solar Panels; Supporting maximum solar panel generation efficiency tracking; Support real-time solar power generation voltage, generation current detection and upload; Supporting battery capacity testing and uploading; Support load real-time current detection and upload; Supports low-voltage battery buffer to avoid frequent restart of equipment under low-power conditions.</b>
<b>Storage Time</b>	<b>≥18 months (25°C)</b>
<b>Product size</b>	<b>125*100*142mm</b>
<b>Weight</b>	<b>KG</b>

## 4G Solar wall mounted bracket

