

TYN-40AH Solar Energy Suit

60W Solar Panel Iptional (2pcs)



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℃
Bypass Diode Rated Current	12A
Allowable Load	23m/s, 7.53g
Surface Maximum Load Capacity	2400Pa
Product Size	590*679*30mm
Weight	KG

40AH Solar lithium battery



Model	Battery BAT01-40AH
Electric Core	Dynamic type 18650 Ternary lithium ion
Ccapacity	Minimum: 40Ah, Maximum: 40.9Ah
Nominal Voltage	12V
Charge/Discharge Protection Voltage	12.6V/9V
Normal Charging Current	10A
Maximum Charge/Discharge Current	20A
Recommended Discharge Temperature	-20℃~60℃
Recommended Charging Temperature	-5℃~45℃
Supporting Solar Plate Types	18V Monocrystalline solar panels, Polycrystalline solar panels, Thin film solar panels
Recommended Solar panel capacity	Total load≤100W/day, Suggested collocation 100W Solar panels; Total load>100W/day,Suggested collocation 100W-200WSolar panels;
Solar Manager Performance	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.
Storage Time	≥18 months (25℃)
Product size	215*100*142mm
Weight	KG

4G Solar wall mounted bracket

