

HS-SL80W40A

Solar Power Supply System 16V/5A/80W



Model Name HS-SL80W40A
Product Type Solar Power Supply System 16V/5A/80W

Power Output

Generating Power 80W. (Max)
Generating Voltage 16V. (Max)
Generating Ampere 5A (Max)
Battery Capacity 40AH/444 WH
Remaining Status Display 25% Per grid

Cell Information

Nominal Voltage 3.7V
Rated Capacity 2000mAh
Max. Discharging Current 2000mAh
Battery Type Rechargeable lithium-ion Battery Pack

Charging

Charging Status Display Light up the unfilled grids step by step
Charging Voltage 9~12.6V
Charging Ampere 0~5A
Discharge Voltage 12.6~9V
Discharge Ampere 0~5A
Charging&Discharge Protection Ampere 10A

Protection

Short Circuit Protection Ampere 15A
Anti-Overcharge Protection Voltage 12.6V
Anti-Over-Discharge Protection Voltage 9V

Interface

Switch Power on/Off Support
Power Input 2 x from solar panel
Power Output 2 x DC 12V
External Charging 12V/2A 1 x DC 12V /2A-5A

Raining Day Battery Life 30W (4-6 days)
Sunny Day Recharge Time Around 1.5 day

Battery Model

11.1V 40AH/444WH
Description Rechargeable Lithium-ion Battery Pack
Nominal Voltage 11.1V
Rated Capacity 40Ah
Rated Energy 444Wh
Battery Composition Lithium Cobalt Oxide 49.5%; Graphite 16.3%
Shape Prismatic
Connection composition of series-parallel 3S20P
Size 370.0*74.0*68.0mm
Weight 2.7kg

Solar Panel

Solar Type Monocrystalline silicon solar cells, Photovoltaic glass
Solar Panel Material Aluminum frame

Environmental

Ingress Protection IP66
Port Contactor Waterproof plug and nut
Working Temperature -20°C~60 °C
Certificate RoHS

Dimension

Main Body Bracket Size 572x244x130mm
Solar Panel Size 530x350x17mm
Gross Weight 10Kg

Note

Recommend Camera Model HW-33A30L-4G, HW-33MPT302-4G