



Product Manual

DA 2400





2160WH Big Capacity Experience Updated

A safe and efficient charging solution



2400W
Rated Large
Power Output



2160Wh
High-Capacity



1600W
Super Fast Charge
Two-Way Inverter



LiFePO₄
10-Year Cycle Life



Max800W
MPPT Charging



EPS
Switch Time < 10ms



Connection
Power and Capacity



Pure Sine Wave
Pure Sine Wave



UL Certification
EV-Class LiFePO₄ Cell

Say Goodbye to The
Anxiety of Power Capacity

Say Goodbye To The Anxiety Of Power Capacity

Common 99% Appliances Can Charge

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2400W Strong and Large Power



210Hrs
Lamp



18-35 Hrs
Refrigerator



2 Hrs
Microwave Oven



4 Hrs
Juicer



1.5 Hrs
AC



2 Hrs
Coffee Machine



18 Hrs
TV



36 Times
Notebook



135 Times
Camera



200Times
Cellphone



38 Hrs
Car Refrigerator



65 Times
UAV



1.5 Hrs
Oven



2 Hrs
Impact Drill



2 Hrs
Drilling Hammer

1.5H Full Charging Full Fast and Full Joyfull



1600W

Super Fast Charge and
TWO-WAY Inverter

2160Wh

Large Capacity

Flexible Charging In Indoor And Outdoor.

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4 Methods To Charge



Main Power Charging

0%-80% Aprox **1** H

0%-100% Aprox **1.5** Hs



Car Charging

Aprox **30** Hs



Solar Panel Charging(MPPT)

Aprox **4** Hs/800W(max)



Gasoline/Diesel Generator Charging

0%-80% Aprox **1** H

0%-100% Aprox **1.5** Hs

Strongly 2160WH, Can Charging More.

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Worry Free To Charge



Medical First Aid



Exploration And Disaster Relief



EV's Battery Recharging



Outdoor Work



Outdoor Living



Camping Tourism

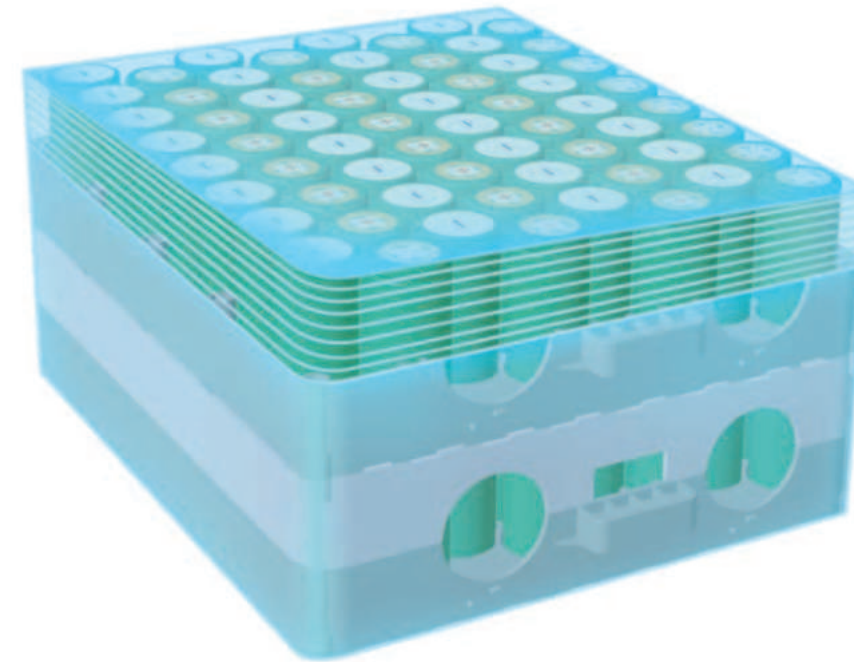
Can Connection Power And Capacity Double Capacity, Double Joy

Using Battery Package Uppest Can Expand into 4000WH
Can use with Solar Panel.



More Than 10 Years Cycle Life

UL-approved Automotive Grade LifePO₄ Batteries Are Used, Which Are Safer, More Stable, High Temperature Resistant and Longer Lifespan.



Long Life



No Oversized Marked



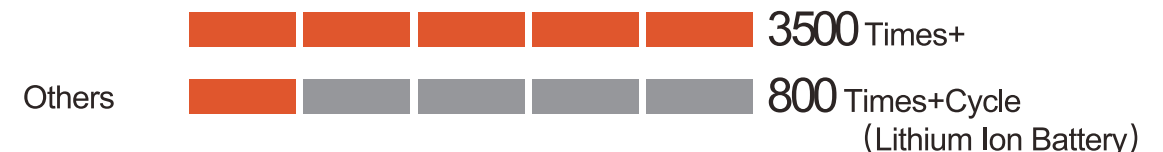
More Safe

3500 Times+ Cycle Battery Cycle Life

Why Are Batteries That Pass the Needling Test Safer

The Needling Test is to Pierce a Tiny Needle Into the Inside of the Lithium Iron Phosphate Battery, Resulting in a Rapid Release of Electricity Inside the Battery. Needle Prick is An Artificially Simulated Battery Short Circuit, Which is Inevitably Encountered in the Outdoor Battery Aging, Strong Impact, and Other Special Circumstances, Which May Cause An Electrical Short Circuit. Even If a Short Circuit Occurs, the Pinprick Test Ensures That Huayu Portable Power Stations Will Not Catch Fire and Explode Impact, and Other Special Circumstances, Which May Cause An Electrical Short Circuit. Even If a Short Circuit Occurs, the Pinprick Test Ensures That Huayu Portable Power Stations Will Not Catch Fire and Explode.

Battery Capacity (max) >80%

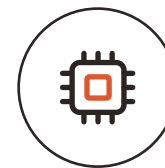


BMS
电池管理系统

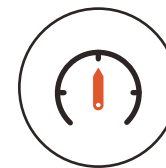
9 Professional Quality Inspections Strictly Obey the Safety of Power Using



IQC Test



Capacity Splitting



Battery On-Line
Test



PCBA Test



Semi-FG Test



Aging Test



FG Test



FG Inspection



QA Sampling
Inspection

Powered for 15 Devices At the Same Time

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Extremely Convenient with Adequate Charging Port

Satisfy More Appliances Charging
At The Same Time.



AC Output x4
120V / 2400W



Type-C Output x3
PD140Wx1 / PD100Wx1
PD30Wx1



Cigarette Lighter
Output x1
12V/10A



DC Output x3
5521: 12V/5Ax2
5525: 24V/5Ax1



USB -A Output x3
18Wx3

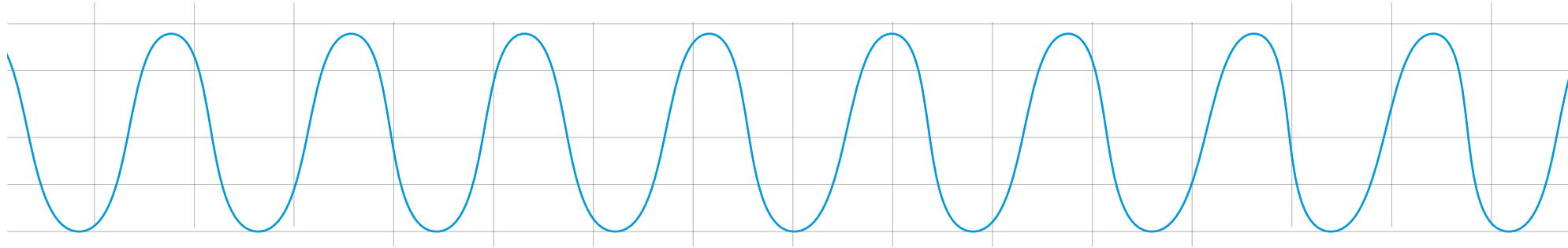


Wireless Output x1
15W

Not Only Safe ,But Excellent



Precise Quality, Attention To Details



Safe Pure Sine ,Not Hurt Electronics

Charging Seem As At Home



1 x15W Wireless Charging

Need Cellphone has wireless charging function itself.



LED Display

Clearly Display Port



94-V0 Fireproof Of Housing

Charge Gas Formation, Lighter Design



Equipped with emergency lights on the back

Four modes: high brightness/white light/warm light/SOS

Product Parameters



Basic Parameters		
Product Size	47.9x28.5x30.0(cm)	
Product Weight	25kg	
Battery Rated Capacity	2160Wh 45Ah 48V	
Input Parameters		
AC Input	200-240V~ 50Hz 1600W Max	
MPPT Charging Input	12-70V/25A 800W Max	
Cigarette Lighter Input	12/24V 8.5A Max	
Output Parameters		
AC Output(X4)	220V~ 50Hz 11.1A 2400W Max(Pure Sine Wave)	
USB-A1Output	5V/3A , 9V/2A , 12V/1.5A 18W Max	
USB-C1Output	5V/3A , 9V/3A , 12V/2A , 15V/3A , 20V/5A , 28V/5A 140W Max	
USB-A2Output	5V/3A , 9V/3A , 12V/2A , 20V/1.4A 28W Max	Two Ports Output at The Same Time: 5V=3.4A
USB-C2Output	5V/3A , 9V/3A , 12V/2A , 15V/3A , 20V/5A 100W Max	
USB-A3Output	5V/3A , 9V/2A , 12V/1.5A 18W Max	Two Ports Output at The Same Time: 5V=3.4A
USB-C3Output	5V/3A , 9V/3A , 12V/2.5A 30W Max	
Cigarette Lighter Output(X1)	12V/10A 120W Max	
DC5521Output(X2)	One Port12V/5A(Cigarette Lighter Port+DC5521×2Output at The Same time120W Max)	
DC5525Output(X1)	24V/5A 120W Max	
Total Output	2400W Max	
Work Temperature		
Discharging Temperature	-10°C-40°C	
Charging Temperature	0°C-40°C	
Certification: CE 、 TUV 、 FCC 、 CCC 、 UN38.3 、 MSDS 、 ROHS		

Outdoor Work

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Outdoor Camping

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Self-Driving Travel

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