

Product Specification Sheet

MECHANICAL SPECIFICATIONS

Dimensions	255 x 195 x 110 mm / 10" x 7.7" x 4.3"
Weight	4.3 kg / 9.5 lb.
Operating Temperature	
Charging	0°C ~ 45°C (32°F ~ 113°F)
Discharging	-10°C ~ 45°C (14°F ~ 113°F)
Storage Temperature	-10°C ~ 45°C (14°F ~ 113°F)

INVERTER OUTPUT

Wave Form	Pure Sine Wave
Max Output	250 W
Rated Voltage	230 V
Rated Frequency	50 Hz

RATED DC OUTPUTS

12V Outlet	
Rated Voltage	12 V
Maximum Rated Current	15 A
Double USB Outlet	
Open Circuit Voltage	4.75V - 5.25 V
Min-Max Current	1 - 2000 mA

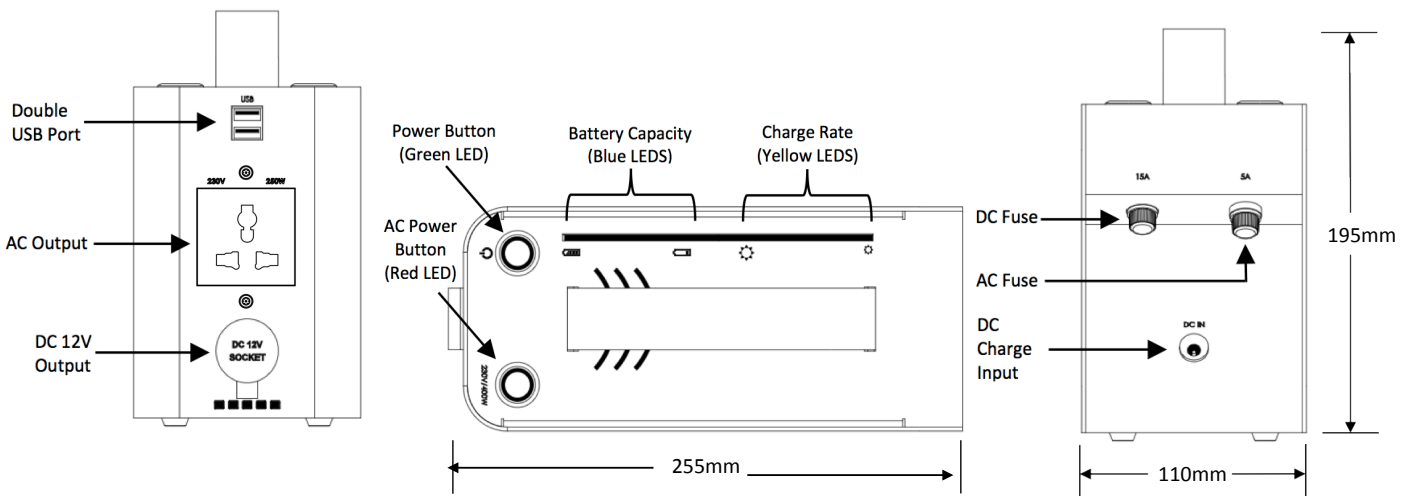
BATTERY

Battery Type	LiFePO ₄
Rated Capacity	20 Ah
Rated Voltage	12 V
Rated Power Capacity	240 Wh
Cycle Life	>2000

STANDARD PACKAGE CONTENTS

Solarpod 240™ by Sunbird Solar	1 pc
AC/DC Adaptor	1 pc
12V Car Charger	1 pc
MC4 Solar Panel Charging Adaptor	1 pc
Solarpod 240™ User Manual	1 pc
Solarpod 240™ Black Carrying Case	1 pc
Back-up AC & DC Fuses	4 pcs
Warranty	24 Months

PRODUCT FEATURES



RATED INPUTS

Solarpod™ Solar Panel	60-65 W
AC/DC Adaptor	14.6V 4A
12V Car Charger	14.6V 2A

CHARGING

60W Solar Panel Charging	5 Hrs. (under optimal conditions)
AC/DC Adaptor	4-1/2 Hrs.
12V Car Charger	10 Hrs.

PROTECTIVE CIRCUITS

Short Circuit Protection	Yes
Over Voltage Protection	Yes
Under Voltage Protection	Yes
High Temperature Protection	Yes
Fan Cooled	Yes
Fused AC Outlet	Yes
Fused DC Outlet	Yes

ELECTRICAL PERFORMANCE

Solar Charge Efficiency	98%
AC Charge Efficiency	85%
AC Output Efficiency	87%
12V DC Output Efficiency	95%
USB DC Output Efficiency	98%