Powerpack 100+

150Wh
Lithium Battery

1.5Kg
Super Lightweight

100W
MSW Inverter

SMALL & POWERFUL

Portable Power Technology

Portable Power Technology

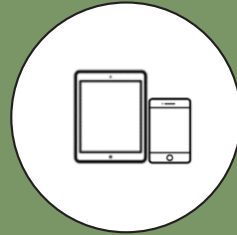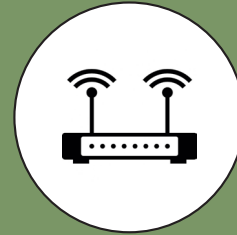# What can I power..?

LED lighting

Radios

Small TVs

Laptops

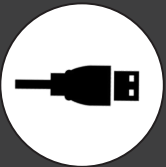Tool recharging

Phone/tablet

ADSL broadband router
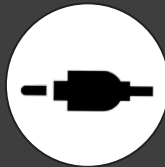
Back up power for fridges

Appliances can be plugged into the Powerpack via...

UK A/C 3 pin plug

USB plug

12v Output

Wireless survey equipment

Paypoint machines

& many more!

for running times on these appliances see page 4

Portable Power Technology

Uses...

Back up power during power cuts

Glamping

Exhibition stands for lighting & paypoints

Garden lighting

Off-grid photography

Camping & fishing

Tool recharging

Sheds, cabins & garages

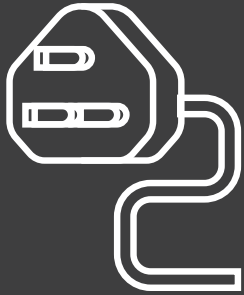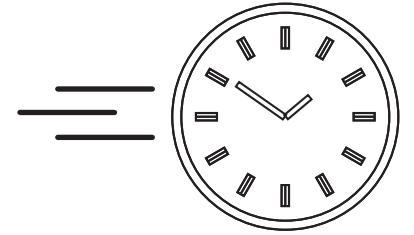**Market stalls, farm markets & fayres**

Hiking

Run times Powerpack 100+

Usage calculations are approximate based on the average wattage of appliance, application and environment. All calculations are made with a new unit with a 100% charged battery.
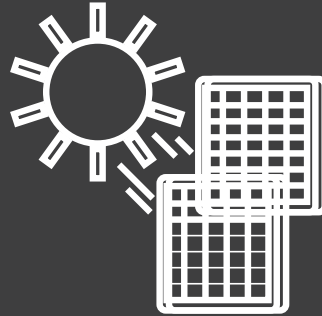
Portable Power Technology

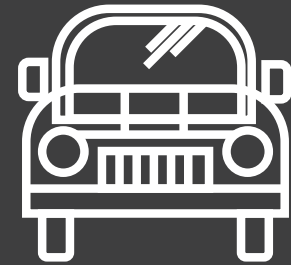| APPLIANCES		POWER RATING	POWERPACK 100+
ELECTRIC SHAVER		2200 mAh	42 Full Charges
SMART PHONE		3000 mAh	10 Full Charges
CORDLESS DRILL		1300 mAH	5 Full Charges
CORDLESS SCREWDRIVER		1300 mAH	25 Full Charges
TABLET		8000 mAH	4 Full Charges
RADIO (DAB)		3 Watts	42.7 Hours
USB FAN		3 Watts	42.7 Hours
LED LIGHT (NIWA)		3 Watts	42.7 Hours
CISCO AP		6 Watts	21.3 Hours
CCTV CAMERA		5-10 Watts	26.6-22.8 Hours
LED LIGHT STRIP		7.2 Watts	17.8 Hours
DVD OR BLU-RAY		14 Watts	9.7 Hours
SMALL TV (19")		30 Watts	4.3 Hours
AC FAN		40 Watts	3.2 Hours
LAPTOP		60 Watts	2.1 Hours
LARGE TV (50")		70 Watts	1.8 Hours
HAIR STRAIGHTENERS		75 Watts	1.7 Hours
XBOX ONE		90 Watts	1.4 Hours
PLAYSTATION		90 Watts	1.4 Hours
MUSIC SYSTEM		100 Watts	1.3 Hours

Fast recharge

MAINS
AC UK plug socket

SOLAR
with inbuilt controller & compatible panel

CAR
DC 12v socket

6-8 hours to recharge via mains and car, solar will depend on panel and conditions

Included accessories
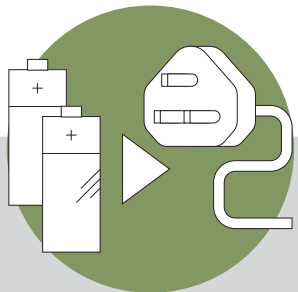

+

1x Mains charger
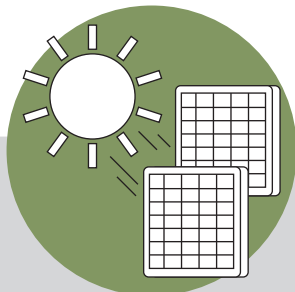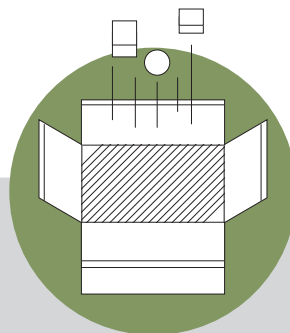
1x DC Adapter

1x MC4 Solar cable

1x Car charger

Technical specifications

175mm

80mm

165mm

Input Voltage (AC charging)	230V-15V 2A (typical charging time 6-8 hours)
Input Voltage (DC charging - car)	12V-15V 2A (typical charging time 6-8 hours)
Input Voltage (Solar charging optional)	12V panel @ Max 2A (typical charging time 6-8 hours)
Output Voltage (Inverter)	230V 50Hz Modified Sine Wave through universal socket (UK/EU)
Output Power (Inverter)	100W (continuous) 120W (Max)
Output Voltage (DC)	3 x 12V DC (120W total)
USB Output	2 x 5V @ 3.1A total
39 LED light panel	Two illumination modes: 63 Lumens (Low) and 210 Lumens (High) Max 72 hours light
Dimensions	165 x 80 x 175mm (L x D x H)
Battery Capacity	3.7V @ 40.8Ah (150 Watt Hour)
Weight	1.5Kg
Operating temperature range	-20 deg C to +60 deg C
Warranty	1 year

Inverter

High efficiency solar charging

Accessories Included