



HANDY POWER PACK USER MANUAL



KAHP26

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1.0 Important Information

Thank you for purchasing the KickAss Handy Power Pack. This device is equipped with a powerful lithium 26AH energy source, so please ensure all instructions are read and followed carefully.



CAUTION!

- **BEFORE USING YOUR KICKASS HANDY POWER PACK FOR THE FIRST TIME PLEASE ENSURE YOU FULLY CHARGE THE UNIT BY USING THE AC CHARGER PROVIDED FOR AT LEAST 6 HOURS.**
- **PLEASE CHARGE THE KICKASS HANDY POWER PACK EVERY THREE MONTHS TO MAINTAIN THE BATTERY LIFE.**
- **ENSURE THAT THE UNIT IS FULLY CHARGED IMMEDIATELY AFTER EACH USE TO PREVENT BATTERY DAMAGE.**
 - DO NOT alter or remove the factory plates and identification labels.
 - DO NOT disassemble the device (no user serviceable parts inside).

WARNING

DO NOT disassemble.



**High Voltage
inside the product.**

- **REMARKS:**
 - Please turn OFF the DC Output Switch when DC output is not required to reduce standby consumption.
 - Please turn OFF the AC Output Switch when AC socket power output is not required to reduce standby consumption.

2.0 General Information

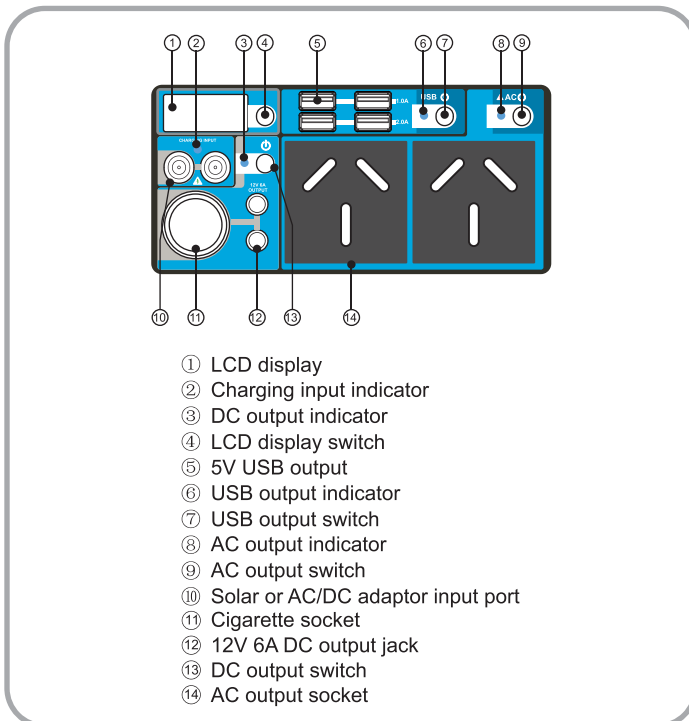
2.1 Introduction & Overview

The KickAss Handy Power Pack is a portable power source with both AC and DC outlets and provides 230V AC or 12V DC power to many different devices. The pack features a 250W (Max) inverter, 2 x 5.5mm DC outlets, DC Cigarette socket and 4 x USB charging outlets. A digital LCD charge display shows the level of battery charge at any time.

The KickAss Handy Power Pack stores energy in its built in lithium battery and is charged by either the AC wall adapter or the included DC-DC vehicle charger. This unit can also be charged by solar panels as an option. It is ideal for home use, recreational outdoor, small office and emergency back up power.

The KickAss Handy Power Pack Kit also has overcurrent protection, short circuit protection, under-voltage and over-voltage protection.

2.2 Control Panel





● Please always turn AC/DC Switch ON to enable the power output function.



● Please always turn the AC/DC Switch OFF after use to reduce self-consumption and to extend the battery running time. The unit can be charged when PV input/adaptor plugged in.

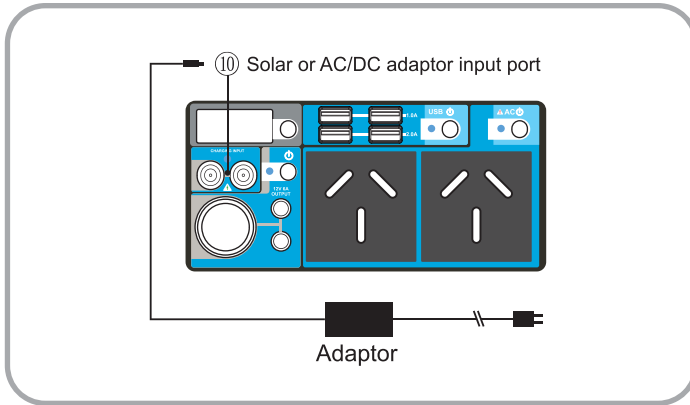
2.3 What is Included



Item	Description	Qty
A	KickAss Handy Power Pack	1
B	16V/5A, DC/DC Vehicle Charger	1
C	16V/5A, AC/DC Charger	1
D	Cig Socket to 3.5mm Power Jack	1

3.0 Charging KICKASS HANDY POWER PACK

3.1 Charge from AC/DC Adaptor



Plug the AC/DC Adaptor provided into both the wall and the DC charging port on the unit. The LCD display will flash to confirm the charging process is underway. When the battery is fully charged, the LCD will display "FULL" and the Charging LED indicator will be green.

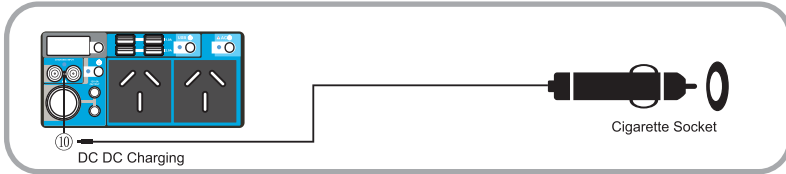


- While charging, the AC/DC Adaptor will get warm. This is normal.



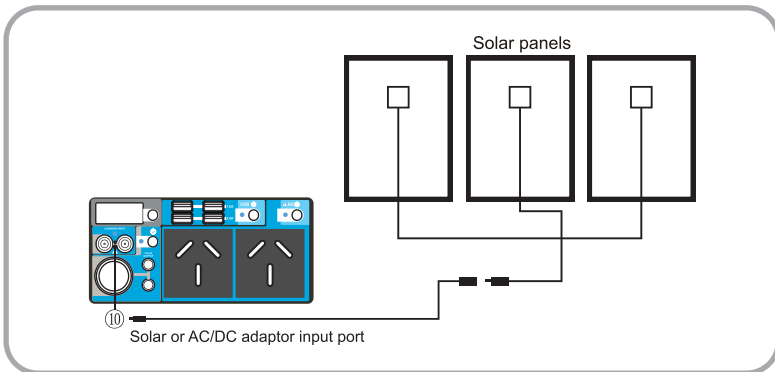
- Please make sure that you only use the standard adaptor supplied with the unit as it provides a constant current with a charging power limit of 16V/5A.

3.2 DC DC Charging



To charge the KickAss Handy Pack via your vehicle or battery box, you can use the included DC/DC vehicle charger. Simply plug the cigarette style plug into your cigarette socket charging source either in the vehicle or a battery box and connect to the charging port on the KickAss Handy Power Pack. It is recommend that you continue charging until the the LCD displays FULL.

3.3 Charge from Solar Panel (Optional)



CAUTION!

The KickAss Handy power pack will Charge with a MAX of 60W solar power through the charging port. Please refer to the connection diagram above.

Please charge the unit when the LCD displays “20”, otherwise the unit will go to low voltage protection mode and all the outputs will cut off automatically.

In low voltage protection mode all the outputs will be cut off automatically.

4.0 Power Output

4.1 USB Socket

KickAss Handy Power Pack provides 4 sockets for 5VDC USB power output, 1x 2A socket and 1x 1A socket as a group, each group supports the maximum current of 3A.

4.2 5.5mm DC Jack Socket

Two 5.5mm DC Jack Sockets provide 12VDC/ 6A output to power and charge 12V DC devices.

4.3 Cigarette Lighter Socket

One Cigarette Lighter Socket provides 12VDC/10A output to power and charge 12V DC devices.

4.4 AC Socket

Two AC sockets provide 230V/50HZ output to support AC devices with 200W of continuous load and 250W maximum intermittent load.



CAUTION!

This product carries high voltage AC output - Please be careful. Never short circuit the DC, to AC sockets or battery to AC under any circumstances. This may damage the battery, cause a fire hazard and there is risk of electric shock.

5.0 LED Indications

5.1 Charging and Battery Level Indication

5.1.1 LCD displays



The LCD display will show the current battery level, Please press the LCD display button to turn on the LCD display backlight. The backlight will stay on for 20 seconds.

- A. "Full" means the battery is fully charged.
- B. "20" means the battery is very low, please charge the battery.
- C. "0" means the battery is empty.

5.1.2 Charging LED indicator

When the battery is charging, the LED will be flashing green. When the battery is fully charged, the battery LED will turn to solid green.

When PV is connected in reverse polarity, the LED will be flashing red.



Please charge the unit when the LCD displays "20", otherwise the unit will be in low voltage protection mode and all the outputs will be cut off automatically.

Ensuring you charge your battery when the LCD displays 20 will also ensure it prolongs the battery life.

5.2 DC Output Indication

Press the DC output switch to activate the DC power of 12V DC and 5V USB output, the LED will turn Green and the power output is now ready.

If the unit senses too large of a current draw, the overcurrent fault will occur and the LED will flash red.

5.3 AC Output Indication

Press the AC output switch to activate the AC power output, the LED will turn Green and the power outputs are now ready for use.

Press the AC output switch to activate the AC power output, the LED will turn Green


5.4 Overload / Short Protection

If the AC inverter is overloaded it will automatically go into protection mode. To reset, remove the load and switch the AC power button off and then on again. Should the DC sockets become overloaded or short circuited, the unit will also go into protection mode. To reset this, switch the DC power button off and then on again.

6.0 Technical Specifications

Description	Specification	Unit
Solar input range	16-32	V
Max input current	5	A
DC/DC Vehicle Charger	16V, 5A	V, A
AC/DC Charger	16V, 5A	V, A
Battery specifications (11.1V, Lithium)	26	AH
Standby current	1	mA
Min. charging voltage	6	VDC
Max. charging voltage	12.6	VDC
Low battery protection	9	VDC
Recovery battery voltage	11.5	VDC
DC 5.5mm socket X 2 output	12V, 3A Max.	A
Cig. Socket x 1 output	12V, 10A Max.	A
USB x 2 output	2A Max.	A
USB x 2 output	1A Max.	
AC inverter	200W Continuous 250W Max	
Dimension of Main unit (LxWxH)	227x159x360	mm
Weight of Main Unit (W/O accessories)	4.7	kg

SKU: KAHPL26

 Read operating instruction before use.




**Before using your Handy Power Pack
for THE FIRST TIME, give it a full charge.**

Leave your Handy Power Pack plugged in, or recharge at a minimum every three months either. Failure to follow this instruction may be shorten the life of the battery. Provide adequate ventilation during using.

Handy Power Pack Lithium 26

Charging input : DC Jack x 2:  15-32V DC 5A (60W) Max

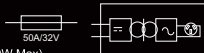
AC Output (Inverter) : AU AC socket x 2: Pure Sine Wave 230V~50Hz 200W (250W Max)

DC Output : Cigarette lighter adapter port x 1: 12V DC  10A Max

5.5mm DC Jack x 2:  12V  3A Max

USB x 2: 5V DC  2A Max USB x 2: 5V DC  1A Max

Battery : Lithium 11.1V 26Ah




KICKASS
 OUTBACK PROOF GEAR
HANDY
POWER PACK
 LITHIUM



Made in China

THANK YOU FOR CHOOSING



KickAss® is committed to providing you with the most up to date product information. As printed material is harder to update we have created an online user guide portal including videos, user guides and product tips so you can view or download the latest product information at any time. This also helps to save our environment which we are committed to just as much as we are committed to our customer service.



ONLINE USER GUIDES

To get started with this product, please visit

USERGUIDES.KICKASS.COM.AU

and search for your SKU code



SCAN QR CODE

OUR GUARANTEE

KickAss® Power Packs come with a comprehensive warranty for your peace of mind. The KickAss Handy Power Pack is warranted for a 1 year period. In the unlikely event this product fails when used according to our user guide, we will either repair or replace it. For full warranty terms and conditions on this product, please see the user guide at:

userguides.kickass.com.au

KICKASS PRODUCT QUALITY

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty does not cover products that have not been used in accordance with the KickAss® user guide or are outside the warranty terms and conditions.

QUESTIONS AND COMMENTS

Please visit us at kickass.com.au or email us at support@kickass.com.au