

Portable PowerPack 100 Portable PowerPack 50

KISAE

Quick User Guide

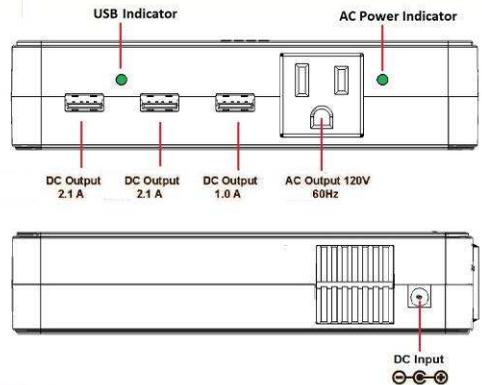
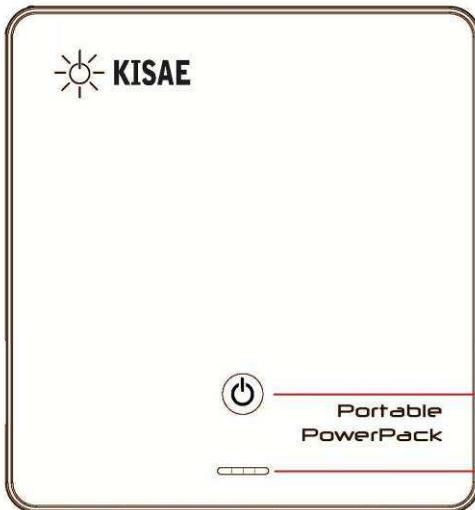
Thank you for purchasing the KISAE Portable PowerPack. You will now be able to make your digital life more powerful. You can run many AC-powered appliances.

For safe and optimum performance, the unit must be used properly. Each time, before using the unit, carefully read all instructions and cautionary markings on the unit and follow all instructions and guidelines in this manual. Gives special attention to the **WARNING** statements. Please keep this manual for future reference.

Because unit contains battery, upon purchasing, **immediately** charge unit for more than 10 hours with the AC charger to guarantee maximum device performance and life span. It is recommended to charge the unit after *each* use and once every *90 days*.

Disclaimer: While every precaution has been taken to ensure the accuracy of the contents of this guide, **KISAE Technology** assumes no responsibility for errors or omissions. Note as well that specifications and product functionality may change without notice.

INSTRUCTIONS



ON/OFF button

Quickly press the button to indicate the battery capacity. Hold the ON/OFF button once to switch USB outputs ON or hold it longer to switch both AC and USB outputs ON. Hold on the switch again to switch unit OFF.

Capacity Indicator

All LEDs on: 75-100% capacity

3 LEDs on: 50-75% capacity
 2 LEDs on: 25-50% capacity
 1 LED on: 5-25% capacity
 All LEDs out: less than 5% capacity

Output & Compatibility

DC Output 1.0A: 5V/1A for iPod, iPhone and mobile phones etc
 DC Output 2.1A: 5V/2.1A for iPad, Samsung P1000, Moto MH900 and MID etc
 AC Output: (Model MP50) 120V/60Hz for MacBook Air or AC load less than 50W
 (Model MP100) 120V/60Hz for MacBook Pro or AC load less than 90W

Product Accessory

AC Charger with charging cable

Features

Internal microprocessor control
 Low static power consumption
 Intelligent capacity indication by LEDs with the press of a button
 Separate LED indicators to show USB and AC Output
 Dual 2.1A and single 1A USB with high conversion efficiency.
 Intelligent tri-color indicator to represent AC Output (Green - normal, Amber – warning for battery capacity low, high internal temperature, Red - shutdown for overload, over-temperature, battery is empty)
 Thermally activated internal fan control

To Switch USB Ports ON

Hold the ON/OFF button once to switch USB Outputs ON. Green USB indicator will turn ON. USB output will automatically switch OFF after 30 seconds when the device is fully charged or when nothing is connected to the USB ports.

To Switch AC Output and USB Ports ON

Hold the ON/OFF button for about 2 seconds to switch AC Output and USB ON. Both AC Power and USB indicators will turn ON. (Note: In this mode, the USB output is continuously ON, the USB auto-turn-off feature is disabled).

To Charge the Portable PowerPack

Connect the DC plug from the supplied AC Charger to the DC Input port located on the side of the unit.

Maintenance

To keep your Portable PowerPack operating to its fullest potential, make sure to do the following:

- Re-charge the unit after each use and once every three months when not in use.
- Keep the unit dry and away from moisture and corrosive materials.
- Do not wash the unit with harsh chemicals, soaps or detergents.

Number of charges available on one charge of KISAE PowerPack

Number of charges available or run time is an estimate. Actual number of charges may vary.

Devices (Battery Capacity or Load)	PP 100	PP 50
iPhone® (~ 5.2 Wh)	~ 8.3 charges	~ 5 charges
iPad® (~ 43 Wh)	~ 1.6 charges	95%
MacBook Air® 11" (~ 35 Wh)	~ 1.9 charges	~ 1.1 charges
MacBook Air® 13" (~ 50 Wh)	~ 1.4 charges	~ 82%
MacBook Pro® 13" (~64 Wh)	~ 1.1 charges	Not Applicable
MacBook Pro® 15" (~ 78 Wh)	~ 90%	Not Applicable
MacBook Pro® 17" (~95 Wh)	~ 75%	Not applicable
Samsung GalaxyS III® (~ 7.8 Wh)	~ 6.4 charges	~ 3.8 charges
Samsung Galaxy Tab® 10.1" (25Wh)	~ 2.5 charges	~ 1.5 charges
BlackBerry Torch® (~ 4.7 Wh)	~ 8.7 charges	~ 5.3 charges
BlackBerry Curve® (~3.7 Wh)	~ 10 charges	~ 6 charges
Incandescent light (40W)	1.7 hours	1 hour

WARNING

Read all instruction and warnings prior to using this product. Improper use of this product may result in product damage, excess heat, toxic fumes, fire or explosion, for which damages you (purchaser), and not manufacturer are responsible.

- Use only with the supplied AC Charger to charge the Portable PowerPack. Use of non-supplied AC charger will damage or overcharge the battery and may cause fire hazard.
- Do not store unit in high temperature environment, including intense sunlight heat. Do not place unit near fire or other excessively hot environments.
- Be cautious of excessive drops, bumps, abrasions or other impurities. If there is any damage to the battery such as dents, punctures, tears, deformities of corrosion, due to any cause, discontinue use and contact manufacturer or dispose of in an appropriate manner.
- Do not disassemble or attempt to modify it or replace any part of this unit.
- Do not expose unit to moisture, snow or submerge it in liquid.
- Do not use unit in the vicinity of flammable fumes or gases (such as propane tanks or large engines).
- Do not attempt to charge unit using any other method, or connection other than the supplied accessories.
- Do not cover or obstruct any air vent openings and/or install in a zero-clearance compartment.
- Do not use in connection with life support systems or other medical equipment or devices.
- Do not plug surge-protected power bars into the unit's 120 VAC outlets. The surge protected components on the surge-protected power bar may not like the modified sine wave output generated by the inverter.
- If this unit is intended by purchaser to be used by a minor, an adult should agree to provide detailed instructions and warnings to any minor prior to use. Failure to do so is sole responsibility of purchaser. Purchaser agrees to indemnify manufacturer for any unintended use of misuse by a minor.
- All units have gone through a thorough quality assurance. If you find that your unit is excessively hot, is emitting odor, is deformed, abraded, cut or is experiencing or demonstrating an abnormal phenomenon, immediately stop use.
- Never dispose of units in the garbage. Disposal of units in the garbage is unlawful under state and federal environmental laws and regulations. Always take used unit to your local battery recycling center.
- Unit provides 120 VAC, treat AC output socket as you would regular wall AC sockets at home.
- AC Output is with modified sine wave, some appliances like speed controllers found in some fans and some power tools' or their AC charger may not like the modified sine wave generated by the inverter. Those appliances may not work or may be damaged if they are connected to the inverter. If you are unsure about powering any device with the inverter, contact the manufacturer of the device.

This unit is meant for use only in conjunction with the appropriate mobile device. Manufacturer shall not in any way be liable to you or to any third party for any damages you or any third party may suffer as a result of use, intended or unintended, or misuse of this unit in conjunction with any device or accessory other than the appropriate mobile device for which this unit is designed. Manufacturer will not be responsible for any damages you or any third party may suffer as a result of misuse of this unit as outlined above. If you are responsible for unit use with an unintended mobile device and damages result from such use, you agree to indemnify manufacturer for any resulting injuries to any third part(ies).

SPECIFICATION

	PP 100	PP 50
AC Output	120Vac/60 Hz, 90W	120Vac/60Hz, 50W
DC Output (USB)	2.1A, 2.1A, 1.0A	2.1A, 2.1A, 1.0A
DC Input	12.6-22.0Vdc, 2A max	16.8-22.0Vdc, 2A max
Battery Type	Li-ion Polymer	Li-ion Polymer
Battery Capacity	25200mA / 90.7Wh	15200mA / 54.7Wh
Regulatory Approval	cETLus	cETLus
Regulatory Standard	UL 1741 CSA C22.2 No.107.1-01	UL 1741 CSA C22.2 No.107.1-01

WARRANTY

One Year Limited Warranty

The limited warranty program is the only one that applies to this unit, and it sets forth all the responsibilities of KISAE. There is no other warranty, other than that described herein. Any implied warranty of merchantability of fitness for a particular purpose on this unit is limited in duration to the duration of this warranty.

This unit is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users.

Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the unit under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This unit is not intended for commercial use. This warranty does not apply to damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

Return/Repair Policy

If you are experiencing any problems with your unit, please contact our customer service department before returning product to retail store. After speaking to a customer service representative, if products are deemed non-working or malfunctioning, the product may be returned to the purchasing store within 30 days of original purchase. Any defective unit that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge.

If such a unit is returned more than 30 days but less than one year from the purchase date, manufacturer will repair the unit or, at its option, replace it, free of charge. If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under these terms for the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items.

This warranty does not cover accessories, such as adapters and batteries, damage or defects that result from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire and flood.

If your problem is not covered by this warranty, call our Customer Service Department for general information if applicable.

Customer Service Contact Information

Email: info@kisaetechnology.com

Phone : 1 604 320-7857

Web : www.kisaetechnology.com