

Technical Information

The REDMAX Portable Power Hub is a portable AC & DC power supply. It contains a rechargeable lithium battery and Battery Management System (BMS) to safely store energy which can then be supplied as either 220VAC for mains powered devices, or as DC voltage for USB & 12V devices. Charging requires a 12V to 30V DC input, which can be supplied using the included AC power supply, a suitable solar panel (200W max.), a vehicle accessory socket or another DC power source.

The REDMAX Portable Power Hub will deliver safe & reliable power for your devices when travelling, camping, boating, fishing or going off road in your 4x4. It can also be used in emergency, trade and commercial situations where mains power may not be readily available.

The clear display on the front panel shows the battery level and power consumption in real time, which enables you to manage and charge the battery when required.

PLEASE NOTE: The Power Hub is not designed to jump start vehicles.



Features & Benefits

- Durable Extruded Aluminium case
- High Output Pure Sine Wave inverter
- Ultra Safe LiFePO₄ battery chemistry
- Flexible Charging Options
- Portable Power Solution
- 24 month warranty

Applications

Off Road & 4x4

Boating & Camping

Trade & Worksite

Technical Specifications RM1000PH / RM1500PH

Battery Type	Lithium Iron Phosphate (LiFePO ₄)	DC Output – Cigarette Socket	12V, 10A (120W)
Output Voltage	12VDC, 220VAC 50Hz Pure Sine Wave	Charging Input Type	240VAC adapter, Solar Panel, 12V/24V vehicle
Nominal Capacity	1kWh / 1.5kWh	Charging Input Voltage	12 to 30VDC
AC Power Continuous	1000W / 2000W	Max. Charging Input Power	200W
AC Power Peak	2000W / 4000W	Weight	14.8kg / 19.8kg
DC Output – USB	18W Type A, 100W Type C	Overall Size (LxWxH)	385x190x245mm (1000W) 480x190x245mm (2000W)
DC Output - 5521	12V, 5A (60W)	Operating Temperature	0°C to 40°C