

Technical Information

The REDMAX Portable Power Hub is a portable AC & DC power supply. It uses a rechargeable lithium iron phosphate battery 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 60V DC input, which can be supplied via a suitable solar panel, a vehicle accessory socket or other DC power source, or by using the supplied AC charger (RM2000PH) or AC cable (RM3000PH includes an onboard charger).

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 front panel display shows the battery level and power consumption in real time, as well as the estimated run time during discharge and estimated time to charge when charging.

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
- 24 month warranty



Applications

Off Road & 4x4

Boating & Camping

Trade & Worksite

Technical Specifications RM2000PH / RM3000PH

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/cable, Solar Panel, <60V DC
Nominal Capacity	2kWh / 3kWh	Charging Input Voltage	12 to 60VDC
AC Power Continuous (Peak)	2000W (4000W) 3000W (6000W)	Max. Charging Input Power	500W
Operating Temperature	0°C to 40°C	Charging Time 2000W / 3000W	AC Mains ¹ : 4.5hrs / 3.5hrs 12V Input: 17.6hrs / 26 hrs
DC Output – USB	18W USB A, 100W USB C	Overall Size (LxWxH)	405x250x250mm (2000W) 500x250x250mm (3000W)
DC Output - 5521	12V, 5A (60W)	Weight	23kg / 32.5kg

¹ Using supplied charger (RM2000PH) or 240V mains power cable (RM3000PH)