

Technical Information

The REDMAX Portable Power Hub is a portable AC & DC power supply. It uses a rechargeable lithium iron phosphate (LiFePO₄) 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 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:

- Always switch off when not in use
- Do not store Power Hub in a discharged state.

Features & Benefits

- Durable Extruded Aluminium case
- High Output Pure Sine Wave inverter
- Ultra Safe LiFePO₄ battery chemistry
- Flexible Charging option
- Backup Power Supply
- 24 month warranty



Applications

Off Road & 4x4

Boating & Camping

Trade & Worksite

Technical Specifications RM2000PH / RM3000PH

Battery Type	Lithium Iron Phosphate (LiFePO ₄)	Charging Connectors	DC - 7909 DC - Mini Anderson AC - IEC C13 (RM3000PH)	
Output Voltage	12VDC, 220VAC 50Hz Pure Sine Wave	Charging Input Voltage	12 to 60VDC 240VAC (RM3000PH only)	
Nominal Capacity	2kWh / 3kWh	Max. Charging Input Power	500W (8A)	
AC Power Continuous (Peak)	2000W (4000W) 3000W (6000W)		RM2000PH	RM3000PH
Operating Temperature	0°C to 40°C	Charging Time AC	4.5hrs ¹	3.5hrs ²
DC Output – USB	4 x 18W USB-A 2 x 100W USB-C	Charging Time DC	17.6hrs	26 hrs
DC Output - 5521	12V, 5A (60W)	Overall Size (LxWxH)	405x250x310 mm	500x250x310 mm
DC Output – Accessory Socket	12V, 10A (120W)	Weight	23kg	32.5kg

¹ Using supplied 240VAC charger

² Using supplied IEC C13 240VAC mains power cable