

HSR M-Spec Range

Rugged Field Power Stations — Silent, Zero-Emission, Deployable | LiFePO4 | Pure Sine Wave

The Powapacs HSR M-Spec range is a family of rugged, deployable field power stations built on LiFePO4 battery technology and pure sine wave inverter systems. Designed and enhanced in the UK, each unit delivers silent, zero-emission power across a -30°C to +60°C operating envelope. All models are CE certified, IATA compliant for air transport, and covered by a 5-year manufacturer’s warranty. IP65 rated as standard. Wi-Fi and Bluetooth app control fitted as standard; removable on request. Patent Pending: GB2507590.4.

HSR M-SPEC MODEL COMPARISON

Model	Inverter Output	Battery Capacity	Voltage	Cycles	Dimensions (L x W x H mm)	Weight (kg)	Waveform
HSR M-Spec Alpha	1,000 W	858 Wh	12.8 V	>3,000	457 x 416 x 203	18	Pure Sine THD <3%
HSR M-Spec Bravo	1,200 W	2,048 Wh	25.6 V	>3,000	565 x 352 x 246	26	Pure Sine THD <3%
HSR M-Spec Charlie	1,500 W	1,715 Wh	25.6 V	>3,000	560 x 350 x 227	27	Pure Sine THD <3%
HSR M-Spec Delta	2,000 W	2,048 Wh	25.6 V	>3,000	575 x 421 x 287	35	Pure Sine THD <3%
HSR M-Spec Echo	2,500 W	2,048 Wh	25.6 V	>3,000	575 x 421 x 287	35	Pure Sine THD <3%
HSR M-Spec Foxtrot	2,500 W	2,688 Wh	25.6 V	>3,000	575 x 421 x 287	40	Pure Sine THD <3%
HSR M-Spec Golf	3,000 W	2,688 Wh	25.6 V	>3,000	575 x 421 x 287	41	Pure Sine THD <3%
HSR M-Spec Kilo	3,500 W	2,688 Wh	25.6 V	>3,000	575 x 421 x 287	42	Pure Sine THD <3%
HSR M-Spec Lima	3,000/3,500 W	3,840 Wh	25.6 V	>3,000	575 x 421 x 387	53	Pure Sine THD <3%
HSR M-Spec Oscar	4,000 W	3,840 Wh	25.6 V	>3,000	575 x 421 x 387	54	Pure Sine THD <3%

HSREP M-SPEC EXPANSION PACKS

Model	Type	Battery Capacity	Voltage	Cycles	Dimensions (L x W x H mm)	Weight (kg)	Note
HSREP M-Spec Xray 4	Expansion Pack	3,840 Wh	25.6 V	>3,000	575 x 421 x 287	40	Pairs with any HSR M-Spec unit
HSREP M-Spec Xray 5	Expansion Pack	5,376 Wh	51.2 V	>3,000	575 x 421 x 287	52	Pairs with any HSR M-Spec unit

COMMON SPECIFICATIONS — ALL MODELS

Battery Chemistry:	LiFePO4 — Lithium Iron Phosphate	IP Rating:	IP65 (standard)
Operating Temp:	-30°C to +60°C	Air Transport:	IATA Compliant
Warranty:	5-Year Manufacturer’s Warranty	CE Certified:	EMC 2014/30/EU LVD 2014/35/EU
Connectivity:	Wi-Fi & Bluetooth (removable on request)	Expected Service Life:	>8 years at one full cycle per day
Patent:	Pending: GB2507590.4		

To discuss your power requirement or request individual model datasheets:
admin@powapacs.co.uk | www.powapacs.co.uk