

Datasheet

Prime Power is a series of high-power portable Lithium batteries with integrated DC to AC inverter. It has been developed especially for demanding industries like military and rescue and is built to withstand harsh environments.



True sine AC output

The Prime Power series of battery packs have been fitted with onboard DC to AC inverter capable of delivering a continuous 800W output in either 110V or 230V. The built-in inverter delivers “true sine” AC output making it suitable for use with sensitive equipment like laptops or medical devices or together with portable light.

Safety functions

The Prime Power series are fitted with built in safety functions that monitor different parameters of the battery to keep it safe. Among these are: Overheat, Overload, Charge state etc.

IP 66 Protection

The Prime Power Series are uniquely developed to withstand water or moisture and has an IP66 ingress rating. The battery packs utilize proprietary passive cooling without fans.

Multiple charge methods

The Prime Power battery packs can be charged in different ways. They are delivered with a powerful wall connected power supply but can also be connected to foldable solar panels (Optional)

Chainable

The Prime Power battery packs are fitted with a high-power bypass port allowing for several packs to be parallel connected for use with high power inverters exceeding the built in 800W limit.

Warranty, Service and Support

Reliability and Performance supported with standard 2 years warranty. In country service facility for efficient support.

TECHNICAL SPECIFICATIONS

Specification	Descriptions
Prime Power 2kwh	
Battery type	Lithium Ion, GEN 3
Capacity	2kwh
Internal voltage	24V
Output voltage	110V/50Hz or 230V/50Hz
Continuous output	800W
Cycle life	>3000 cycles
Weigh	17 Kg
Dimensions	413L*166W*311H mm
Protections	Over charge, over current, Short circuit protection, over power, Over discharge, over voltage, over temperature
Certification	CE
Bypass port	24V, 50A
Cooling	Passive
Ingress protection level	IP66
Warranty	2 Years
Case material	Reinforced plastic
Operating temperature	-20C to +50C
Safety standards	U 38.3
Indicators	Charge level in %
Charger	30V/10A
Sinus output	True Sine
AC port type	Multi country
Instruction manual	Yes, English



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