HYBRID POWER

PT Battery 14

THE MOST POWERFUL PT BATTERY

The PT14 battery combines all the great features found in our PT series of batteries with a larger energy capacity. A high discharge capacity and built-in heating system make these batteries ideal for larger residential and commercial applications. Up to 24 of these modules can be paralleled to create a large, plug-and-play energy storage system. With intelligent battery integration, the balancing and integration of each parallel pack is done automatically leaving you with less to worry about. The PT14 features a UL9540A PASS battery allowing you to install these in almost any situation.

KEY FEATURES

EXPANDABLE
Plug and play battery system allow for up to 24 PT14 Batteries in parallel.

EASY TO READ AND USE
LCD Display meaning you always know how much power you have to play with.

DEPTH OF DISCHARGE
Full 0-100% DOD

EASY TO MOVE WITH SECURE LOCKING
Locking casters for easy movement and bolt-down tabs for wall or rack installation. The power Tower Base is also lockable.

PT 14 POWER SPECS

CHEMISTRY	LiFePO4
MIN VOLTAGE	44VDC
NOMINAL VOLTAGE	51.2VDC
MAX VOLTAGE	58.4VDC
ENERGY CAPACITY	14kWh
OPERATIONAL TEMPERATURE	-30°C to 45°C [-22°F to 113°F]
BATTERY HEATING OPERATIONAL TEMPERATURE	-30°C to 10°C [-22°F to 50°F]
MAXIMUM CONTINUOUS DISCHARGE AMPERAGE	280 A
MAXIMUM CONTINUOUS CHARGE CURRENT	280 A (140 A recommended)
WEIGHT	90.7 Kg [200 lbs]
DIMENSIONS	W39cm x H33cm x L61cm [W15.5” x H13.5” x L24”]
FUSE AMPERAGE	500 A
ENCLOSURE MATERIAL	Aluminum
COMMUNICATION	CANBUS
MAXIMUM BATTERIES IN PARALLEL	24
CERTIFICATIONS	UL1973 (Pending) UN38.3 CSA(SPE-1000) Inspected

WITH *4 Caster Wheels

SAFETY FEATURES
Numerous features to keep yourself and your cabin safe. Over-voltage, under-voltage, over-current protection with a 150A CSA rated circuit breaker. Lithium-Ion has a proven track record in some of the harshest environments including mining and transit. The fume-free batteries mean you can place the system anywhere with no dangerous fumes like traditional lead-acid.

www.fireflysmart.com.au

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