

Smart Battery System

Upgrade your PV System & Save

Get the most from your self-generated energy. Store your excess energy for use at night.

Uninterruptible Power Supply*

Experience near instantaneous back-up with your UPS functionality.

*When backup circuit is connected and solar or battery energy is available.
 Appliances selected at time of install. Rated as EPS in SA.

Pre-wired for Quick Install

Bringing the unique Redback pre-wired design to an AC coupled battery to ensure ease of install.

Indoor/Outdoor Rated

Our systems are IP54 rated and designed for Australian conditions.



SB7200

UTILITY INTERFACE

Utility Grid Max. Export Power	3300W
Utility Grid Max. Export Current	14.3A
Utility Grid Max. Input Apparent Power	7000VA
Utility Grid Max. Input Current	30.4A
Utility Grid Nominal Output Voltage	230V
Utility Grid Nominal Output Frequency	50Hz
Utility Grid Power Factor	1.0 (unity)
Utility Grid Power Factor	0.8 lagging to 0.8 leading
Utility Grid Inverter Isolation	Non-Isolated

BACKUP LOADS OUTPUT

Backup Continuous AC Output Power	3300W
Backup Max. AC Output Power	3300VA
Backup Max. AC Output Current	14.3A
Backup AC Output Voltage THD	< 3%
Backup/Battery Isolation AC Output	Non-Isolated

BATTERY INTERFACE

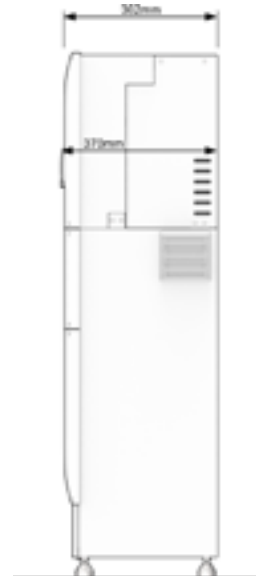
Battery Type	Li-Ion
Battery Charging Method	BMS Controlled
Battery Voltage Range	85 to 460V
Battery Max. Charging Power	3600W
Battery Max. Charging Current	25A
Battery Max. Discharging Power	3300W
Battery Max. Discharging Current	25A

GENERAL DATA

Dimensions (w x h x d)	556 x 1238 x 369 mm
Installed Weight	130kg
Noise Emissions	Less than 30dB
Standby Losses	Less than 8W AC
Operating Temperature Range	-20°C to 60°C Batteries will derate below 10°C and over 40°C
Operating Temperature Derated Output	over 45°C
Allowable Relative Humidity	0 - 100%
Protective Class	Class I
Environmental Protection Rating	IP54
Operation Altitude	0 - 4000m
AC Overvoltage Category	Category III
DC Overvoltage Category	Category II
Moisture Location Category	4K4H
External Environment Pollution Degree	Grade 1, 2 and 3
Grid Connection Standard	AS 4777.2:2015
Safety Regulation	IEC/EN 62477-1, AS 62040.1.1
Compatible Batteries	PylonTech H48050 (2.4kWh)
Battery Controller	RB600-AC

USER INTERFACE

Front Panel Display	Coded, Coloured LEDs
Communications	Bluetooth for commissioning; Wi-Fi or Ethernet for phone and web monitoring. Bluetooth and Wi-Fi for onboarding. Ethernet for automatic onboarding for phone and web monitoring
Smartphone App	Android 7 or higher; iOS 12.0 or higher
Portal	Web based; platform independent
Power/Energy Monitoring	Includes 1 x utility grade meter (class 1)



CERTIFICATIONS

AS3000:2018	IEC 62109-1:1.0:2010
AS/NZS 4777.2:2015	IEC 62109-2:1.0:2011
AS/NZS 5033:2014 Amd. 1 & Amd. 2	IEC 62040-1:2.0:2017
AS/NZS 5139:2019	IEC 62116:2.0

APPROVALS

	RCM
	CE Mark (LVD, EMC, RoHS Directives)
	Battery Best Practice Guide compliant
	CEC listed