

# Smart Battery System



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## 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

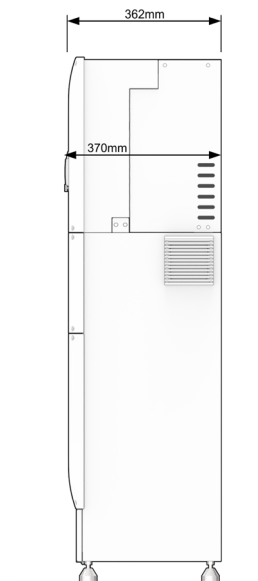
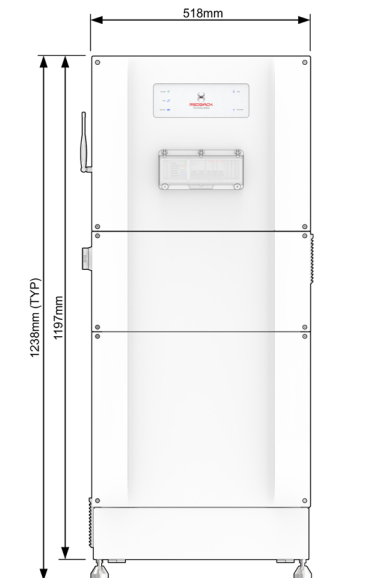
Battery Type	Li-Ion
Battery Charging Method	BMS Controlled
Battery Voltage Range	85 to 460V
Battery Max. Charging Power	3600W
Battery Max. Charging Current	25A
Battery Max. Discharging Power	3300W
Battery Max. Discharging Current	25A

### GENERAL DATA

Dimensions (w x h x d)	556 x 1238 x 370 mm
Installed Weight	130kg
Noise Emissions	Less than 30dB
Standby Losses	Less than 8W AC
Operating Temperature Range	-20°C to 60°C Derates below 10°C and above 40°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 onboarding, Wi-Fi or Ethernet 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)



### INSTALLATION STANDARDS CONSIDERED

AS3000:2018  
AS/NZS 5033:2014 Amd. 1 & Amd. 2  
AS/NZS 5139:2019

### CERTIFICATIONS

AS/NZS 4777.2:2015  
IEC 62109-1:1.0:2010  
IEC 62109-2:1.0:2011  
IEC 62040-1:2.0:2017  
IEC 62116:2.0

### APPROVALS

RCM  
CE Mark (LVD, EMC, RoHS Directives)