

Whispr Series

A CEC listed, Australian designed, engineered and supported battery with an easy to install, stackable system and smartphone app configuration. Simplifying energy storage for end users, designed with installers in mind.

-  Single Phase System
-  Stackable, Quick Installation
-  Reliable Backup
-  VPP Ready



AC Inputs

AC Input Voltage	180V - 250V
AC Input Nominal Line Frequency	45 - 55Hz
Switching Time (On Grid - Backup)	< 20ms
Nominal Current	30.5A
Generator Control & Input	Yes

PV

5013

7013

Max. PV Input Current	16A / 16A / 16A	
Max. PV Input Voltage	550V	
Max. PV Power	200%	
MPPT Voltage range	120V - 500V	
No. of Independent MPPT Inputs	3	
MPPT Power Rating	3kW / 3kW / 3kW	
DC Short-Circuit Current	20A / 20A / 20A	
Max. PV Isc	23A / 23A / 23A	
PV Input Start-Up Voltage	120V	

AC Output

Nominal Grid Voltage	180V - 250V	
Nominal Current	22A	30.5A
Grid Frequency Range	45 - 55Hz	
Nominal Output Power	5kW	7kW
Nominal Backup Power 7kW	5kW	7kW
Nominal Generator Power	5kW	7kW
Total Harmonic Distortion (THD)	< 5%	
Power Factor Nominal Range	0.8 leading to 0.8 lagging	
Max Pass Through Current	40A	

Battery

Capacity	13.37kWh
Recommended Depth of Discharge (DOD)	95%
Usable Capacity	100%
Battery Life	> 5000 Cycles @ 70% End of Life

Specifications correct at time of publication and are subject to change. Refer to website for latest information.

Min / Max Voltage (DC)	320 - 460.8V
Nominal Voltage (DC)	409.6V
Max. Charge / Discharge	32A
Battery Chemistry	LFP
Max. Efficiency	98%

General

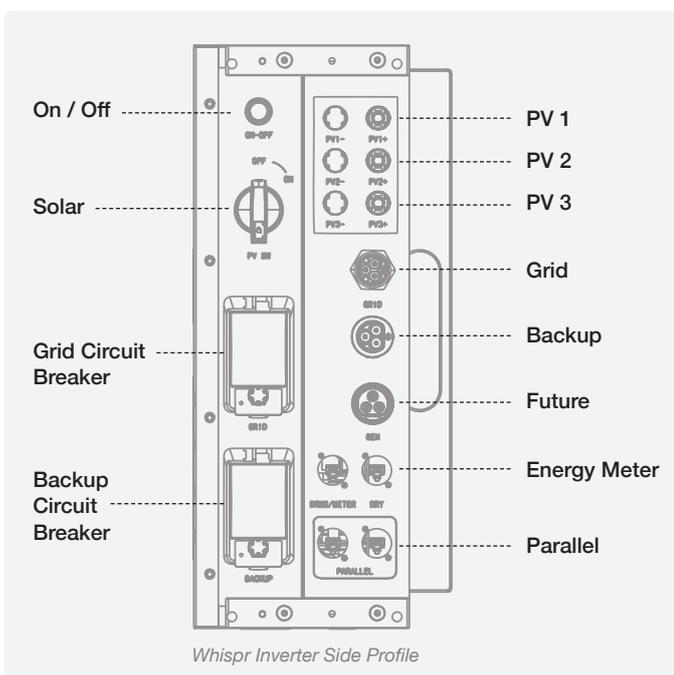
Part Number	RX-5013Plus / RX-7013Plus
Internal On-Grid / Backup Switching	Yes
Surge protection	Type 3
Communication	Modbus/Ethernet/RS485/Wifi/4G/GPRS
External Communication Port	RS485
Status Indicator Display	Yes
VPP-Ready/Remote Control	Yes
Total Weight	191kg
Inverter Weight	43kg
Individual Battery Weight	37kg
Dimensions (H x W x D)	1540mm x 750mm x 210mm

Environmental / Operational Range

Ingress Rating	IP65
Operating Temperature Range	-20°C - 55°C
Altitude	≤ 3000m
Cooling	Natural cooling
Relative Humidity	5 - 95%

Certification, Safety, EMC & Warranty

System Standard	IEC62619, IEC62040, IEC62109-1/2
Grid Connection Standard	AS4777.2 + CSIP-AUS
EMC Standard	IEC 61000-6-1/3
Warranty	5 + 5 years

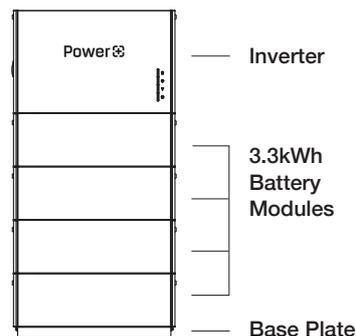


QUICK ACCESSIBLE INPUTS AND OUTPUTS

No gateway device required to enable backup functionality. Simply access your inputs and outputs from one location.

PREMIUM PATENTED TECHNOLOGY

First Electrolytic Capacitor-less Inverter Design in the World. This simply means no moving parts and unmatched efficiency.



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