

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%
Short Circuit Current	630A

General

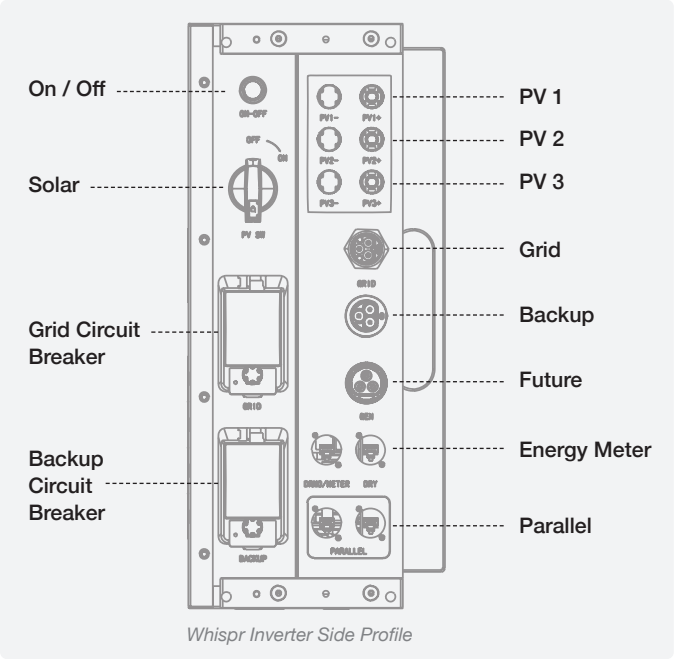
Part Number	RX-5013Plus / RX-7013Plus
Internal On-Grid / Backup Switching	Yes
Surge protection	Type 3
Communication	Modbus/Ethernet/RS485/Wifi/4G/GPRS
External Communication Port	RS485
Status Indicator Display	Yes
VPP-Ready/Remote Control	Yes
Total Weight	191kg
Inverter Weight	43kg
Individual Battery 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	10 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.

