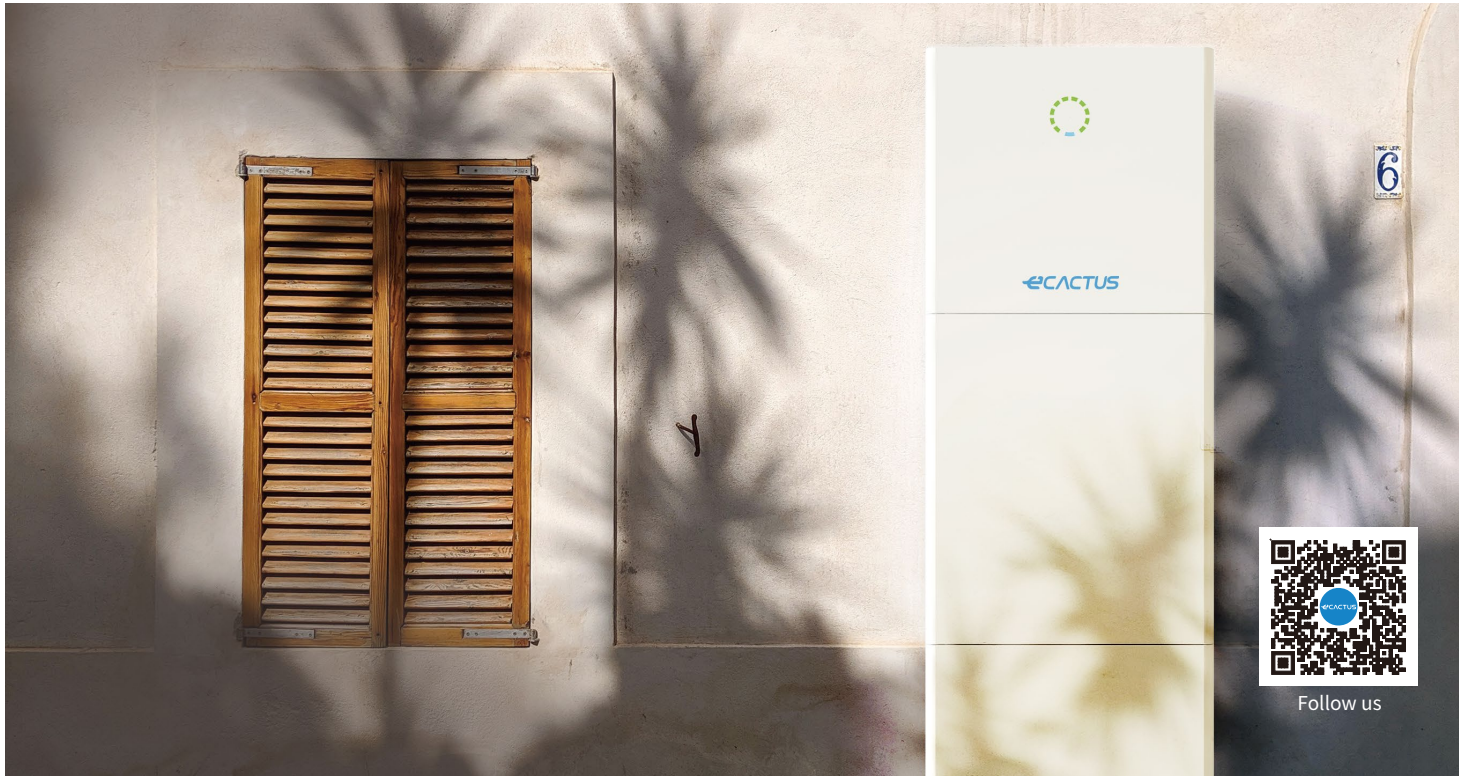


# AGAVE-SA

AC-COUPLING SOLUTION FOR AU

eCACTUS



## Product Introduction

The AGAVE-SA is a AC coupling all-in-one BESS, with both inverter and high voltage LFP battery modules combined to make a fully integrated system ready for connection to existing PV installations. The AGAVE-SA helps to maximise solar power usage with a sleek and professional look, and make BESS retrofitting easier than ever.

### Convenient

Battery pre-assembled

### Quiet

Less than 25 dB,  
no noise pollution

### Flexible

IP65, battery capacity up to  
10kWh

### Infinite

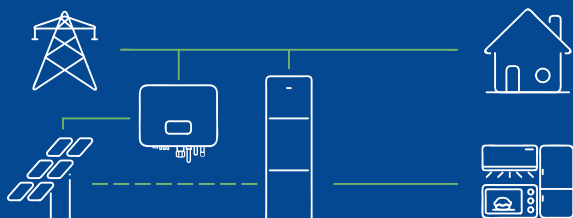
< 10ms UPS level switching time

### Informative

Monitor connected PV system  
data through the ECOS app

### Smart

Supports VPP and IOT



- Autonomous strategy, automatically optimising energy use based on the user's needs and preferences.

# Agave- SA Series

## Technical parameters



Model	WH-SPHA3.6H-5.12kWh	WH-SPHA3.6H-10.24kWh
<b>Battery Model</b>	<b>WH-BXB5.12</b>	
Battery Capacity	LFP 5.12kWh	LFP 10.24kWh
Nominal Battery Voltage (d.c.V)	204.8	409.6
Battery Voltage Range (d.c.V)	160..227.2	320..454.4
Max Charge/Discharge Current (d.c.A)		25/25
Depth of Discharge (%)		90
<b>AC Input/Output</b>		
Rated output Power (W)		3600
Rated Apparent Power to Grid (VA)		3600
Max. Apparent Power to Grid (VA)		3600
Max. Apparent Power from Grid (VA)		4320
Rated Voltage (a.c.V)		220/230/240
Rated Frequency (Hz)		50/60
Rated AC Current to Grid (a.c.A)		15.6
Max. output current (a.c.A)		17.2
Max. Current from Grid (a.c.A)		18.8
Inrush current (a.c.A)		16 a.c.A (peak), 11.3 us (duration)
Max. output fault current (a.c.A)		57 (peak), 40 (rms)
AC output Maximum output overcurrent protection (a.c.A)		40
AC input power factor		-0.8..+0.8
AC output power factor		1 (-0.8..+0.8 adjustable)
THDi		<3%
<b>EPS Output</b>		
Max. Output Power (W)		3600
Rated Apparent Power (VA)		4320
Max. Apparent Power (VA)		4320
Rated Voltage (a.c.V)		230 (+2%)
Norminal Frequency (Hz)		50/60 (+0.2%)
Max. Output Current (a.c.A)		18.8
Max. output fault current (a.c.A)		57 (peak), 40 (rms)
EPS output Maximum output overcurrent protection (a.c.A)		40
Switch time (ms)		<10
THDv @Linear Load (%)		<2
Power Factor		1 (-0.8..+0.8 adjustable)
<b>Efficiency</b>		
Max. Efficiency (%)		97.6
European Efficiency (%)		97
Battery Discharge Efficiency (%)		96.7
<b>Protection</b>		
Over/Under voltage protection		Yes
DC isolation protection		Yes
DC injection monitoring		Yes
Residual current detection		Yes
Anti-islanding protection		Yes
Over load protection		Yes
Battery Input reverse polarity protection		Yes
Surge protection		Yes
Over heat protection		Yes
<b>General Data</b>	<b>WH-BXB5.12</b>	<b>WH-BXB10.24</b>
Dimension (W/D/H)(mm)	550 × 233 × 1125mm	550 × 233 × 1750mm
Dimension of Packing (W/D/H)(mm)	655 × 302 × 1390mm	655 × 302 × 2085mm
Net weight (kg)	68	115
Gross weight (kg)	78	130
Operation Temp (°C)		-10..+55
Relative Humidity (%)		0..95
Altitude (m)		≤3000
Ingress Protection		IP65
Cooling		Natural
Inverter Topology		Non-isolated
Over voltage category		III(AC), II(DC)
Protective class		Class I
Active anti-islanding method		frequency shift
Human Interface		LED/APP
BMS Communication Interface		RS485/CAN
Meter Communication Interface		RS485
Noise Emission (dB)		<25
Standby Power Consumption (W)		<5
<b>Safety and Approvals</b>		
Safety	UN 38.3, IEC 62619, IEC 62100, IEC 62109	
Country	AS/NZS 4772	

S<sub>max</sub>=S<sub>rated</sub> for AS/NZS 4772