



Standalone Power System or Off-grid Power System



IP56 Enclosure Ruggedised

Active Cooling

Remote Monitoring and Control

Forklift Points/ Durable Skid

- MODULAR
- SCALABLE
- FLEXIBLE



AUSTRALIA'S MOST RUGGED POWER SOLUTION



THE STATIONARY POWER SPECIALIST

- Decarbonise your operation with the CD Energy Services BESS – S3, M3, our 5th Generation solution.
- Engineered for maximum energy reliability in harsh Australian environments, developed using the knowledge gained from over 35 years of supplying remote power.

BESS SYSTEM

		
	S3*	M3*
Power Type	Three Phase	Three Phase
Range	72kVa/197kWh	90kVa/149kWh
Max Power in Bypass	140KVA	180KVA
Max System Energy Capacity	196.8	149.1

*SolarBeam Companion Ready - Supports up to 200kW AC Coupled Solar PV

“Leading the energy transition”

An Australian owned business that has been providing remote power solutions to the Australian oil and gas industry for over 35 years. We are proud to lead the transition to a cleaner future.

Tom Reid - Managing Director



HEAD OFFICE - ADELAIDE
345 Cormack Road, Wingfield, SA 5031



QUEENSLAND BRANCH
3/73 Beaumont Drive, Roma, Qld 4455

CONTACT US TODAY!

 1300 654 547






BESS S3 - M3 Datasheet

MODEL	Units	S3 - 3 Bay	M - 3 Bay
Rated Output	kVA	72	90
Rated Output Power	kW	57,6	72
Peak Output	kVA (15 sec)	90	112.5
Peak Output Power	kW (15 sec)	72	90
Rated Output Voltage	V	415	230/415
Inverter module number		24	30
Frequency		50/60Hz	50/60Hz
Phase		3	3
Gen Input Power		140KVA	180KVA
Max Power in Bypass		140KVA	180KVA
Battery Number (Aircon Relocated)		41	42
Max System Energy Capacity (Aircon Relocated)	kWh	196.8	149.1
Battery Type		LiFePO4	LiFePO4
DC Voltage	V	48	380
Discharge Rate Nominal (A) per string	A	80/Battery	37/String
Discharge Rate Max (A)	A	100/Battery	74/String
Cycles		>6000	>5000
Discharge Depth	%	95%	90%
Cooling System	Air Con / Fan	Air Conditioned	Air Conditioned
Operating Altitude	M	2000	2000
Operating Temperature	C	-20 to +50	-20...55
Operating life at 25deg (Years)	Years	15	15
IP Rating	IPxx	IP55	IP55
Optional Integrated PV Inverter(s)		AERL/SMA/FRONIUS	FRONIUS/SMA
Max PV Kw		100	200
System Dimensions			
Length Approx.	mm	2600	3008
Width	mm	1120	1120
Height	mm	2295	2295
Weight Est	Kg	1700...3000	1700...3000
Communications	4G/Wifi	4G/Wifi	4G/Wifi
Cloud Monitoring Platform	CogniCD	CogniCD	CogniCD
Compatible Genset Controller	ComAp/DeepSea/Mecallte	ComAp/DeepSea/Mecallte	ComAp/DeepSea/Mecallte



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Quality
ISO 9001