## The Smart 3-Phase Hybrid System



Redback's Smart 3-Phase Hybrid System is a robust hybrid solution designed for three phase homes or light commercial installations.

The system combines a 10kVA solar inverter with two standard battery storage capacity options of either 9.6 or 14.2kWh and an option for an extended capacity of 19.2 or 28.4kWh. The Smart 3-Phase Hybrid System also includes a pre-wired BoS and integrated isolators to ensure a fast and easy installation.



9.6kWh, 14.2kWh, 19.2kWh or 28.4kWh Battery Storage Capacity



Backup Supply in a Power Outage\*



Streamlined All-In-One Design



Indoor or Outdoor Installation



Easy Monitoring App and Portal



Australian-supported 10-Year Warranty

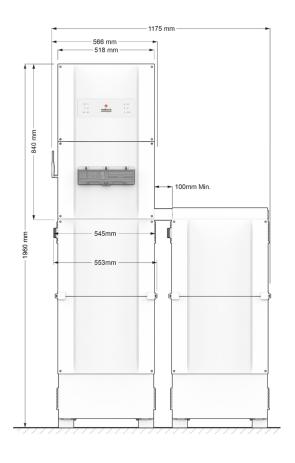


## **The Smart 3-Phase Hybrid System**

Scan to Download System Information Pack



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ysical Data talled Weight	97.50%
talled Weight	96.80%
•	
	127-210kg
iterial ish	Aluminium
ttery Enclosure Data	Sealed and powder coated
closure Model	BE14000-HV
me	Smart Hybrid Battery Enclosure
emistry (label only)	, ,
mber of Battery Units	4 or 8
orage Capacity	N x 2.4kWh
	N x 3.55kWh
ttery System Model	RB-HVS-Nx48-50
iximum Capacity	RB-HVS-Nx48-74 28.4kWh⁴
ninal Voltage	28.4kWn* DC N X 48V
ted Current	DC 25A
n Specification	DC 12V / 0.3A x2
otective Class	I
ress Protection Rating	IP54
iterial	Steel
ish	Sealed and powder coated
Plation Devices	DC DV2
Port Isolator Utilisation Category d Interactive Port Isolator Rated Operational Current	DC-PV2 40A
ckup Port Isolator Rated Operational Current	40A 25A
ttery Port Isolator Rated Operational Current	32A
ttery Cabinet Isolator Rated Operational Current	32A
mmunications Ports and Protocols	
lays	RJ45; 3x Digital I/O; +DC5V & GND
er Interface	
ont Panel Display	Coloured LEDs
mmunications	Bluetooth for commissioning;
moto Access	Wi-Fi (2.4GHz only) or ethernet for remote access
mote Access mote Firmware Updates	Web Portal; MyRedback App; Redback Install app Supported
wer/Energy Monitoring	Includes 1 x utility grade energy meter (class 1)
Certifications and Approvals	AS/NZS 4777.2:2020
	IEC 62109-1:2010
	IEC62109-2:2011
	IEC 62116:2014
	IEC 62040-1:2017
	IEC 62040-1:2017 IEC 62477-1:2012
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	IEC 62040-1:2017 IEC 62477-1:2012 IEC 60529 EN 61000
	IEC 62040-1:2017 IEC 62477-1:2012 IEC 60529 EN 61000 RCM
signed with Installation andards Considered	IEC 62040-1:2017 IEC 62477-1:2012 IEC 60529 EN 61000







1 Max PV Input Power is determined by the appropriate selection of panels within the MPPT voltage and current range

4 Maximum capacity 14.2kWh with single cabinet, or 28.4kWh with optional expansion cabinet

- 600 V maximum voltage for PV arrays on domestic dwellings
   Dependant on number of batteries installed
- N = number of battery modules

AS/NZS 5139:2019