



POWERBAY

GEN III INVERTER HEAT PUMP WATER HEATER

**'Compact and powerful
solutions designed with
innovation & durability.'**



46dB Quiet Operation



DC Inverter Technology



Easy Retrofit Installation



Rapid Heating with Turbo Mode



Eligible for Government Incentives*

* Incentive eligibility and amounts vary by state and program requirements. Conditions apply.

ENERGY SAVING

80% Power Saving

Do you believe it? Free energy from the air all day every day. Our HWS is 80% more efficient than traditional water heaters, and is eligible for STC rebates.

Reliable Hot Water

Guaranteed all day, all year, due to the polyurethane foam layer, sandwiched between the inner tank, and outer wall, meaning less water temperature fluctuation and low temperature drop.

Weekly Sterilisation & Disinfection

Weekly regular sterilisation and disinfection. Automatic sterilisation after every 7 days of operation to kill any bacteria or legionella in the system.

Constant Water Supply

Our Gen III heat pump is able to meet the daily hot water demand from the kitchen, bathroom and laundry at the same time. Large water volume, rapid and constant hot water supply, give you more energy-savings.

LEADING TECHNOLOGY

New Rapid Heating with Turbo Mode

Push the Turbo button to deliver instant, high-output hot water. Ideal for large family use, back-to-back bathing, or rapid recovery after heavy usage.

Multiple Protections

With leak, overpressure and backflow protection. Our Gen III heat pump has been rigorously tested to meet Australian standards.

Longer Service Life

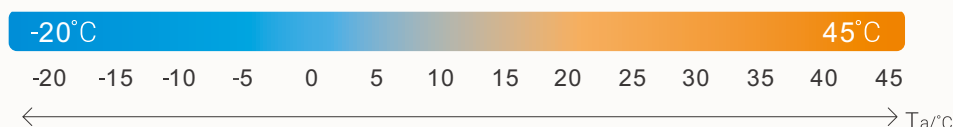
Designed for durability and tested through 250,000 pulsation cycles. Backed by a 5-year replacement warranty (installation with a 500kPa pressure limiting valve required).

Durable Stable & Reliable

Dedicated enamel lining, magnesium rod, superior anti-corrosion and water pressure resistance.

INTELLIGENT CONTROL

Ambient Temperature



30~ 60°C

LWT (leaving water temp):

SMART TEMPERATURE CONTROL

The System is preset to 60°C for everyday use, with adjustable temperatures up to 70°C. The system automatically resets to 60°C every 24 hours.

Constant Water Delivery

The Gen III heat pump hot water system can heat water to temperatures of up to 70°C, supported by advanced laminar water flow technology for a reliable supply of hot water.

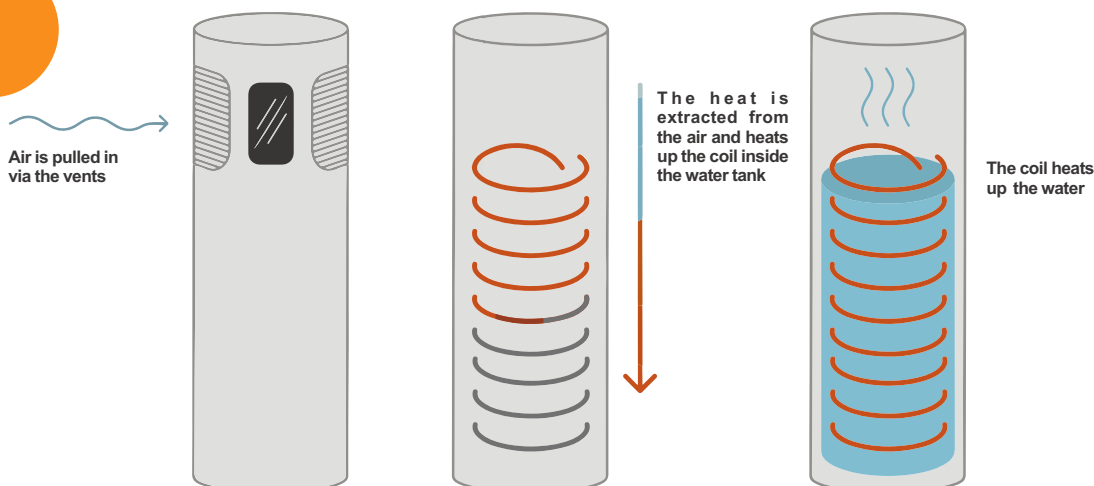
All-season Hot Water

Reliable hot water in all seasons. Operates from -7°C to 45°C, and down to -20°C with E-heating enabled, so you can enjoy hot water even in winter.

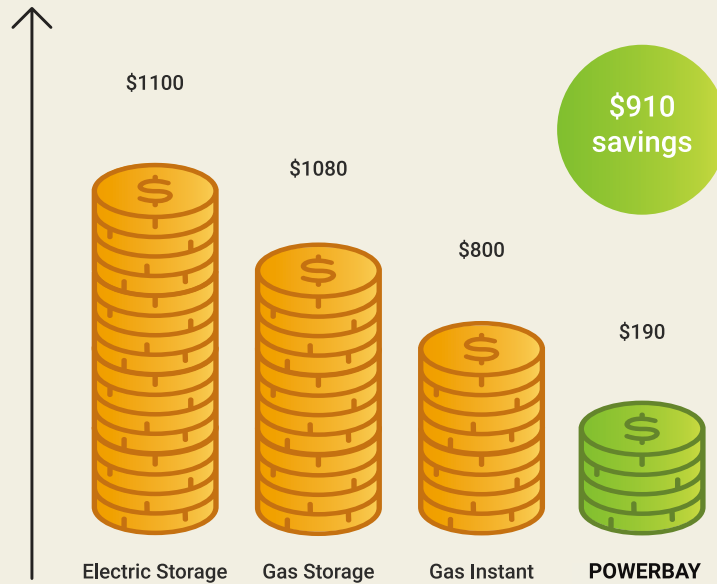
App Intelligent Control

With a dedicated Wi-Fi App, you will have total control of the system from the palm of your hand. You will have the ability to check the status of the unit and update any set programs.

HOW DO HEAT PUMPS WORK?



HOW EFFICIENT IS MY POWERBAY WATER HEATER?



*Based on Australian average annual household hot water costs for a family of 4. Compared to the average Electric Storage system.

ANTI-CORROSION PROTECTION, STABLE WATER TEMP CONTROL



High-Quality Enamel Water Tank

Thicker carbon steel + enamel gives better pressure resistance, corrosion resistance, anti-scale with a longer lifespan.

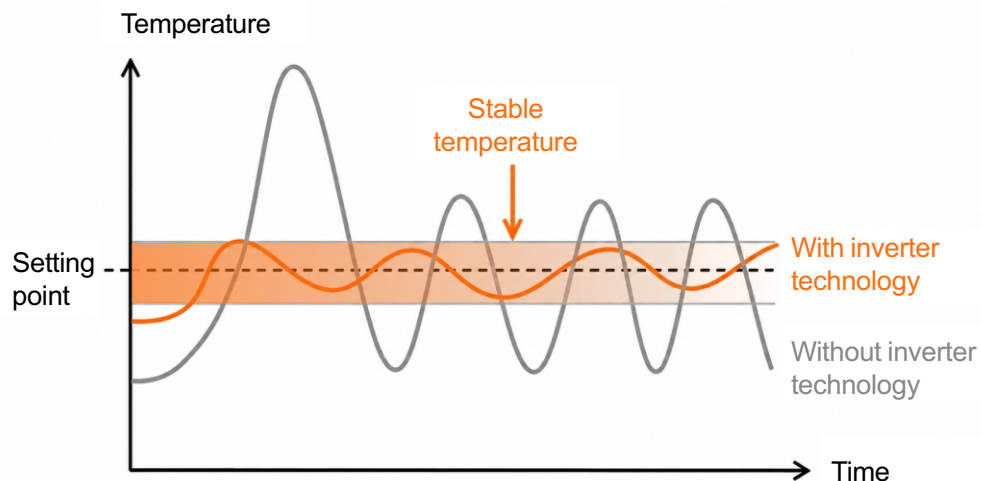
Extended Anti-Corrosion Magnesium Rod

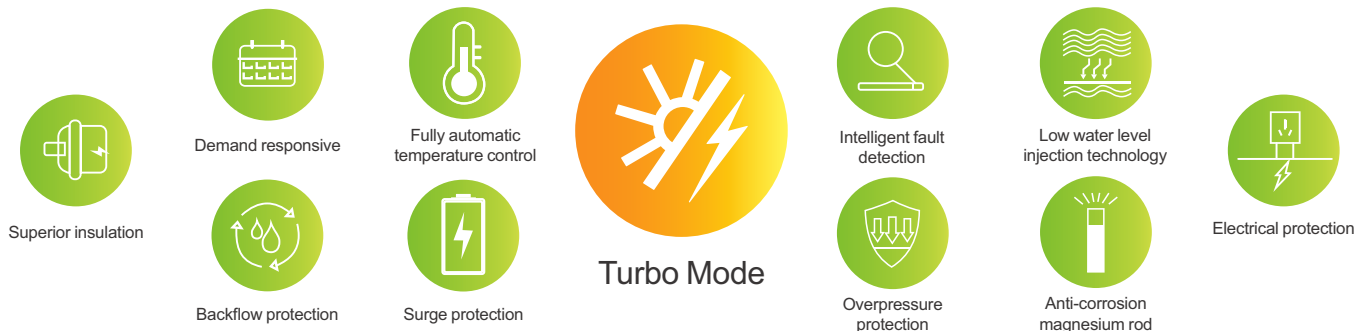
Improves the anti-corrosion capability and makes the unit more reliable.

High-Efficiency and Real-Time Monitoring Temperature Sensor

Dual temperature sensors detect water temperature to provide precise start/stop control.

INVERTER TECHNOLOGY





TECHNICAL SPECIFICATIONS

Model	PBG3-270RE-HYBRID	PBG3-320RE-HYBRID
Power Supply (V/Ph/Hz)	220-240/1/50	220-240/1/50
Rated Input Power & Current (Heat Pump)	560 W/2.5 A	560 W/2.5 A
Rated Heating Capacity (Heat Pump) ¹	2700 W	2700 W
Rated Input Power & Current (Heating Element)	1000 W/4.4 A	1000 W/4.4 A
Max Input Power	2200 W	2200 W
Max Current (HP&Heating Element)	9.8 A	9.8 A
Refrigerant/Quantity	R290/390 g	R290/390 g
Water Tank Capacity	270 L	320 L
Heat Exchanger (Tank)	Microchannel	Microchannel
Inner Tank Material	Enamel	Enamel
Water Inlet/Outlet Pipe	DN20	DN20
Water Tank Max Water Pressure	1 MPa	1 MPa
Relief Valve Pressure	0.85 MPa	0.85 MPa
IP Class	IPX4	IPX4
Net Dimension	Φ 650 × 1852 mm	Φ 650 × 2049 mm
Packed Dimension (W × H × D) mm	735 × 2010 × 735 mm	735 × 2195 × 735 mm
Net/Gross Weight	112/132 kg	122/142 kg
Noise (1 m) ²	46 dB (A)	46 dB (A)
Rated Outlet Water Temperature	60 °C	60 °C
Max Outlet Water Temperature	70 °C	70 °C
Working Range With Electric Heater	-20 ~ 45 °C	-20 ~ 45 °C
Working Range Without Electric Heater	-7 ~ 45 °C	-7 ~ 45 °C

Note: The heating capacity is tested under the conditions of ambient temperature of dry/wet at 19 degrees/15 degrees, initial water temperature is 15 degrees and final water temperature is 60 degrees.



This product complies with the applicable standards and certification requirements.

StandardMark: SMK41494

Electrical Safety: GMA-528838-EA

WaterMark: WMK26939

Hydrocarbon Approval: GDAC-2026000264 & GDAC-2026000263

PRODUCT PACKAGING



ARE YOU READY TO UPGRADE?

It's time to have reliable, cost-effective hot water on tap, contact us today!



POWERBAY

DROP US A LINE

POWER BAY PTY LTD



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