

WHY GIVE AWAY YOUR SOLAR POWER?

With Powerdiverter the power is back in your hands.



Now you can divert the excess energy from your Solar PV system straight to your existing hot water tank thanks to the Powerdiverter.

With the reduction of feed in tariffs, the high cost of solar batteries and rising energy costs, Powerdiverter is the perfect solution for your home. It allows you to keep the energy you are producing and generate hot water for your home.

The Powerdiverter has been a huge success in the UK since 2014 with thousands of homeowners enjoying savings on their energy bills. With the new Powerdiverter supporting all water heaters up to 4.8kW, now everyone can enjoy the benefits!

Take control of your energy today with Powerdiverter.

Benefits

- ✔ Use up to 100% of your solar power
- ✔ Variable power control delivers excess energy in all weather conditions
- ✔ Flexible dual inputs allow connection to your on/off-peak tariff supplies ensuring hot water at the lowest possible rates
- ✔ Quick installation: installed within minutes and no plumbing or additional wiring required
- ✔ 24/7 timer: schedule hot water boosting as required
- ✔ Hot water on demand when you need it with the easy Boost button
- ✔ Automatically boosts temperature of hot water to protect against legionella
- ✔ Extendable 5 year warranty

Don't give your excess power back to the grid, start using it for your hot water system!

Find out more today at: www.powerdiverter.com.au

POWERDIVERTER SENSOR UNIT	
Power supply (plug in 5V power adaptor):	240V AC, 50Hz or 2x C size alkaline cells (not supplied)
Battery life	Up to 2 years
Current measuring range	0-100A AC
Power measurement method	Microprocessor voltage / current phase angle detection
Power consumption	4W (on AC power)
Measurement interval	Every 2 seconds (AC mode) / 6 seconds (Battery mode)
Wireless radio frequency	434.00MHz (LIPD Class License 2000)
Typical transmission range	Up to 300m in ideal conditions
Indications	Transmitting measured power / pairing / status (1 Red importing & Green exporting LED)
Size (transmitter)	114 x 76 x 40 (HWD mm excluding plugs and antenna wire)
Mounting (transmitter)	Keyhole
Size (power adaptor)	61 x 47 x 47 (HWD mm excluding cable)
Power adaptor cable length	180cm
Weights	250g (transmitter, inc batteries) 73g (sensor clamp) 254g (power adaptor)
Case material	VO rated fire retardant plastic
Certifications of conformity	AS 61010, AS/NZS 4268, AS/NZS 61000-6-3, AS/NZS CISPR22
IP Rating (transmitter and AC power adaptor)	Indoor use only (IP50) or installed within IP65 outdoor enclosure
Operating temperature range	-10°C to +50°C (AC mode) / -5°C to +50°C (Battery mode)
Humidity	10% to 90% (non condensing)
POWERDIVERTER CONTROLLER UNIT	
Power supply	240V AC, 50 Hz
Off-peak electricity Controlled Load support	Yes (Controlled Load sensing input for detecting off-peak times of day)
Digital variable power control	Yes
Sensor types	Wired or wireless remote sensor (optional)
Power control method	Microprocessor phase angle control
Minimum solar power input for diversion	50W (AC wireless & wired sensor mode) / 100W (Battery battery mode)
Maximum heater load power rating	4800W heating element
Controllable load types	1x variable output for resistive loads only (i.e. heater elements)
Power consumption (idle)	2W
Wireless radio frequency	434.00MHz (LIPD Class License 2000)
User controls	Easy Boost / transmitter pairing button / 7 day digital programmable timer
Easy Boost timer	1, 2, 3 hour steps or always on (via timer)
Timer operation	Digital 7 day timer and auto anti-bacterial reheat timer
Indications	Power level / Easy Boost time / pairing / status (3 red LEDs), Wireless signal reception, battery low warning (1 green LED), LCD display for timer
AC input & output cable sizes	1.5mm ² - 6.0mm ²
AC cable connections	Tool-free Wago lever action terminals
AC cable connection access	Bottom of unit (knockouts & 20mm glands)
Protections	Over temperature, over load current & short circuit
EMI AC line noise filter	Yes, 3 line (Active Live, Neutral, Earth)
Size	320 x 250 x 140mm
Mounting	Vertical wall mounting via 4 screws
Weight	4.5kg
Case material	ABS plastic
Certifications of conformity	AS/NZS 3100, AS 61010, AS/NZS 4268, AS/NZS 61000-6-3, AS/NZS CISPR22
IP Rating	Indoor use only (IP30)
Operating temperature range	-10°C to +40°C
Humidity	10% to 90% (non condensing)

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