

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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