

INVINCIBLE™

Electric Boosted Solar Hot Water

Producing lower greenhouse gas emissions than standard electric hot water systems and saving money on your hot water energy costs, EcoSmart Electric Boosted Solar Hot Water systems effortlessly capture the sun's energy and boosts the water temperature when required.

Electric Boosted Comparison

SYSTEM	ENERGY USAGE (KWH PER ANNUM)	GREENHOUSE GAS EMISSIONS (TONNES PER ANNUM)
SOLAR ELECTRIC OFF PEAK	636	0.87
STANDARD ELECTRIC OFF PEAK	4,378	6.00

Data obtained from www.resourcesmart.vic.gov.au - Estimated Hot Water Running Costs (Aug 2010) - Medium household zone 3



- ✓ Patented Hotlogic® controller constantly searches for the cheapest available energy source so as to make maximum use of all sunshine available
- ✓ Next generation 'split system' design available as standard means no tank on the roof or expensive reinforcement required
- ✓ Patented panel management protects the system from overheating in summer and provides frost protection in winter without the need for frost valves
- ✓ Panels built tough to last
- ✓ Highly efficient and economical split system means maximum energy savings

THE ECOSMART ADVANTAGE

Save money, save energy and save the environment by installing a next generation technology EcoSmart Solar Hot Water system.

An EcoSmart Solar Hot Water system can slash the average household's water heating bill by 85%* - that's up to 310 days free hot water every year - as well as help eliminate tonnes of potentially damaging greenhouse gases from our environment.

Whether you are building a new home or replacing an existing system, you can rely on EcoSmart for a full range of gas and electric boosted Solar Hot Water systems, as well as the environmentally friendly Solar Heat Pump.

EcoSmart units are built tough to withstand Australia's harsh conditions from outback heat to extreme frost.

Savings based on data in comparison chart - 85% efficiency in zone 3 model E3S136T2DC dependent on orientation and conditions. Excludes water costs.



TECHNICAL INFORMATION

133 326

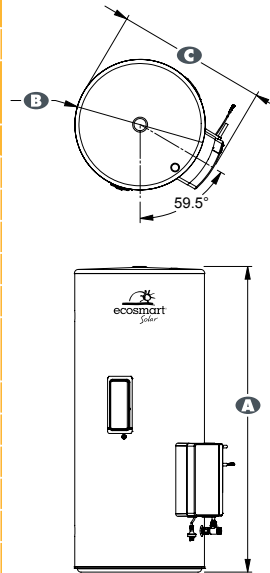
INVINCIBLE™	250L	315L	400L
Storage capacity - actual (litres)	259	322	415
Booster element sizes (kW)	3.6	3.6	3.6
Net weight empty (kg)	81	94	114
Dimensions (mm)			
A Overall height	1444	1754	1703
B Tank diameter	617	617	705
C Overall width (incl HotLogic®)	712	712	801
Relief Valve Pressure (kpa)	1000		
Capacity			
People			
House size (bedrooms)	2	2-3	4+
Solar collectors			
Collector Height (approx) (mm)	High Performance		
Collector Width (approx) (mm)	2000		
Glass	Tempered Low Iron		
Glass Thickness (mm)	1000		
System details			
Pipe Connection (mm)			
Cold	20		
Hot	20		
Collector to tank	15		
Mains Voltage (V)	230/240		
Solar Pump Power (Watts)	21		
Frost Rating	Level 2		
Warranty*			
Tank Warranty	7 years (1yr parts/labour)		
Collector Warranty	7 years (1yr parts/labour)		

Size figures are based on environment averages which can effect the performance of solar and heat pump heaters. Adult icon represents a dishwasher or washing machine. An adult icon does not represent a spa bath.

*Warranty: Warranty terms and conditions are in the product's Owners Manual, visit www.ecosmart.com.au/warranty for full details and conditions which apply.

	2	3	4	5	6
250L - E2S136T2DC	2	38	42	37	32
315L - E3S136T2DC	2	39	42	37	32
315L - E3S136T3DC	3	44	45	45	40
400L - E4S136T2DC	2	39	42	37	32
400L - E4S136T3DC	3	44	45	45	40

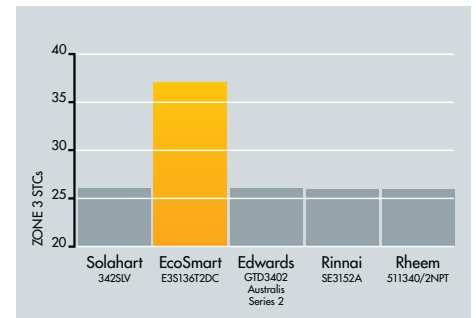
Calculations are based on EcoSmart 2AP style collector. STC calculations for electric boosted units are based on Continuous Tariff. STC values are subject to change without notice and are correct at time of printing.



IT'S OFFICIAL, WE WILL SAVE YOU MORE ENERGY

The Clean Energy Regulator's register of Solar Hot Water heaters lists EcoSmart's Electric Boosted systems as having one of the highest STCs when compared to similar systems - meaning more savings for you.

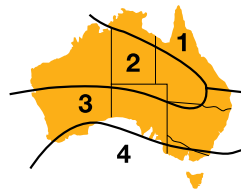
The graph below shows just how efficient EcoSmart products truly are.



More efficient collectors may be available as an additional option from all manufacturers, including EcoSmart. Solahart™ is a trademark of Solahart Industries Pty Ltd. Edwards™ is a trademark of Rheem Australia Pty Ltd. Rinnai™ is a trademark of Rinnai Australia Pty Ltd. Rheem™ is a trademark of Rheem Australia Pty Ltd. V17.

When you add up the benefits, installing an EcoSmart Hot Water system really is the smart choice for savings and energy efficiency.

- Superior efficiency
- High STC values
- Rebates taken care of
- Environmentally friendly
- The best advice
- Superior installation
- Built tough for Aussie conditions
- Guaranteed hot water in 24 hours



BUILT TOUGH TO SERVE YOU LONGER

With its innovative and exclusive Blue Diamond™ enamelling, EcoSmart's Invincible™ tank is manufactured to ensure a 7 year protection.

- Aluminium anode provides extended hard water tank protection
- Nickel Plated element adds further corrosion resistance to your hot water system.
- High density polyurethane insulation provides greater heat retention
- Enjoy the benefits of a 7 year tank and panel warranty

