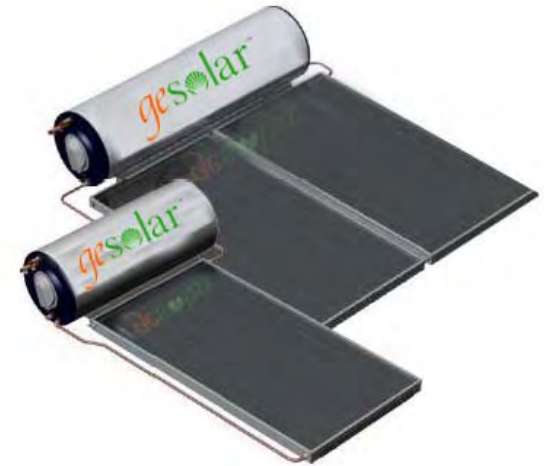


## Solar Hot Water that's kind to the planet

### GES 200 & 300

- ❖ 200 and 300 liter storage tanks
- ❖ Open or closed circuit configuration
- ❖ Magnesium sacrificial anode for extra protection against corrosion
- ❖ Durable copper collector tubes
- ❖ Manufactured under ISO 9002 Accreditation
- ❖ Conditional 5 year manufacturers warranty

- High density insulation, to Reduce storage tank heat loss.
- Vitreous enamel lined steel Cylinder for increased durability.
- Back up electric booster to ensure continuous hot water at all time
- Large choice of powder located colors for the storage tank casing



### Technical Data STORAGE TANK

Storage Volume	200 liters	300 liters
Heat exchange Volume	11 litres	15litres
Weight Empty	53kg (open circuit model) 69kg (closed circuit model)	60kg (open circuit model) 75kg (closed circuit model)
Weight Full	253kg (open circuit model) 280kg (closed circuit model)	360 (open circuit model) 390kg (closed circuit model)
Storage Tank Body Mild Steel	Mild steel-low carbon enamel grade 2.0mm thick	Mild steel-low carbon enamel grade 2.0mm thick
Corrosion Protection	20mm magnesium anode	20mm magnesium anode
Heat Exchanger Material	Mild Steel 1.0mm thick	Mild Steel 1.0mm thick
Outer Case Material	0.8mm Plain Galvanised Steel	0.8mm Plain Galvanised Steel
External Dimensions (LxWxH)	1381 x 528 x 528 mm	1971 x 528 x 528 mm
Insulation	High density polyurethane	High density polyurethane
Booster Element	220-250 Volt ac, 50-60 Hz 1.8, 2.4 or 3.6kw	220-250 Volt ac, 50-60 Hz 1.8, 2.4 or 3.6kw
Thermostat	Probe type –adjustable (40°c – 80°c)	Probe type –adjustable (40°c – 80°c)
Pressure & Temperature Value	400 kPa	400 kPa
Cold Relief Valve	300 kPa	300 kPa
Heat Exchanger Relief Valve	100 kPa (closed circuit model)	100 kPa 100 kPa (closed circuit model)
Cold Water connection	3/4" BSP male	3/4" BSP male
Hot Water connection	3/4" BSP male	3/4" BSP male
Electrical connection	20mm conduit	20mm conduit
Typical Number of Collectors	1 or 2	2 or 3

### SOLAR COLLECTOR

Gross Area	1.98m2	Header Material	Copper
Aperture Area	1.87m2	Connections	4 x 3/4" BSP
Absorber Area	1.87m2	Absorber Plate	Aluminium
Cover	5.0mm toughened glass	Absorber Surface	Non-selective black paint
Number of risers	6	External Dimensions(LxWxH)	1938x1025x80 mm
Diameter of risers	12.3mm	Weight Empty	42.0kg
Riser Pitch	148mm	Weight Full	44.9kg
Riser Material	Copper	Efficient at 0	0 72.3%
Header Diameter	25mm		