

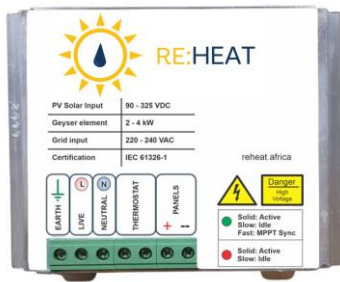


RE:HEAT

# TECHNICAL DATA SHEETS

[www.reheat.africa](http://www.reheat.africa)

[sales@reheat.africa](mailto:sales@reheat.africa)



## Re:Heat Mini

- Retrofit to existing geyser
- Uses existing thermostat
- Requires DB timer
- 1500W Max (Ideal 900W)

Enclosure Ingress rating	IP50
Enclosure	Aluminium enclosure
Suitability	Installation in a roof or protected electrical environment
Humidity	10-90%RH (no dew condensation)
Temperature	-20°C to +55°C
Standard	IEC 60669-2-1:2009
Power supply	200-240V 1ph 50/60Hz; up to 4kW geyser feed through; 11VA burden
Solar PV supply (PV IN)	<ul style="list-style-type: none"> <li>• PV panel string not exceeding a total of <b>1500W</b></li> <li>• Same specification for each panel in the string</li> <li>• PV panels in a series-only connection</li> <li>• PV string Maximum PV Voltage and Maximum PV Current must not exceed the specifications below</li> </ul>
Maximum PV Voltage	180Vmp (Max 200Voc (i.e. total series connected open-circuit PV panel voltage))
Maximum PV Current	7A (i.e. total connected short-circuit PV panel current)
System protection	<ul style="list-style-type: none"> <li>• PV DC supply short-circuit protection</li> <li>• NO Reverse Polarity Protection</li> </ul>
Green LED (PV POWER SOURCE)	<ul style="list-style-type: none"> <li>• Fast-flashing: MPPT Sync</li> <li>• Slow-flashing: Idle</li> <li>• On: Supplying PV DC to the geyser element</li> </ul>
Red LED (AC POWER SOURCE)	<ul style="list-style-type: none"> <li>• Flashing: Idle</li> <li>• On: Active</li> </ul>



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## Re:Heat Smart

- Retrofit to existing geyser
- Digital Thermostat + Timer
- Touchscreen interface
- 2000W Max (Ideal 1500W)
- Plug & Play
- Lithium battery backup
- DC Fuse and DC breaker

Enclosure Ingress rating	IP50
Enclosure	Coated Mild Steel enclosure
Suitability	Installation in a roof or protected electrical environment
Humidity	10-90%RH (no dew condensation)
Temperature	-20°C to +55°C
Standard	IEC 60669-2-1:2009
Power supply	200-240V 1ph 50/60Hz; up to 4kW geyser feed through; 11VA burden
Solar PV supply (PV IN)	<ul style="list-style-type: none"><li>☉ PV panel string not exceeding a total of <b>2000W</b></li><li>☉ Same specification for each panel in the string</li><li>☉ PV panels in a series-only connection</li><li>☉ PV string Maximum PV Voltage and Maximum PV Current must not exceed the specifications below</li></ul>
Maximum PV Voltage	240Vmp (Max 300Voc (i.e. total series connected open-circuit PV panel voltage))
Maximum PV Current	17A (i.e. total connected short-circuit PV panel current)
System protection	<ul style="list-style-type: none"><li>☉ PV DC supply short-circuit protection</li><li>☉ Integrated inline PV fuse</li><li>☉ Integrated PV breaker</li><li>☉ Integrated Transfer breaker</li><li>☉ NO Reverse Polarity Protection</li></ul>
Touch Screen Interface	<ul style="list-style-type: none"><li>☉ Green Temperature Display: Powered by Solar</li><li>☉ Red Temperature Display: Powered by AC</li><li>☉ Black Temperature Display: Not currently powered</li><li>☉ 3.5" Colour Touch LCD + Li-ion battery backup</li></ul>