

## EcoCharger Hybrid gas fired/solar condensing water heaters

### Key features Include:

- On board solar controls
- Enamel lined storage vessel
- Factory fitted Correx

		<b>Model</b>
		<b>HWH106-480GCE</b>
Nominal Input (net)	kW	96.6
Nominal Input (gross)	kW	107.3
Gas Flow Rate (natural gas)	m3/hr	10.1
Nominal Output	kW	102.4
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	95
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		n/a
Water Heater efficiency	%	93
<b>GENERAL DATA</b>		
NOx emission @0% O2	mg/kWh	36
Recovery Rate @ 44°C	l/hr	2000
Recovery Rate @ 50°C	l/hr	1800
Recovery Rate @ 56°C	l/hr	1600
Dimensions (height )	mm	2060
Dimensions (diameter)	mm	850
Storage Capacity	litres	488
Weight (empty)	kg	480
Weight (full)	kg	968
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	BSP	R1½
Cold Feed Connection (inches)	BSP	R1½
Gas Connection (inches)	BSP	R¾
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	145
Sound Power Level	LWA(db)	59
Maximum Flue Gas Temperature	°C	55
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8.0

**EcoCharger Hybrid water heaters** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances page 22- 25
- Vented and Unvented installation requirements page 28&29
- maintenance page 99

### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)