



ECcube

Data Sheet

1.0 The ECcube	2
1.1 Components in ECcube	3
1.1.1 Bottom Plate	4
1.2 Extras	5
2.1 Technical Data	6

1.0 The ECcube

The ECcube is a complete assembled control solution including the ECpv or ECpvH. It is ready to use at site, you only have to mount a supply cable and communication cables through the bottom plate.

The ECcube comes complete with brackets for mounting on walls and an unperforated bottom plate.

For application description and functions of the ECpv or ECpvH - please refer to the application notes and description at www.encombi.com

Variants available are:

- ECcube/ECcubeH Logger (Logging of grid, solar and genset data)
- ECcube/ECcubeH Solar (Power plant controller / Zero export)
- ECcube/ECcubeH S (PV/genset up to 100KW inverter power)
- ECcube/ECcubeH M (PV/genset up to 500KW inverter power)
- ECcube/ECcubeH L (PV/genset for unlimited inverter power)

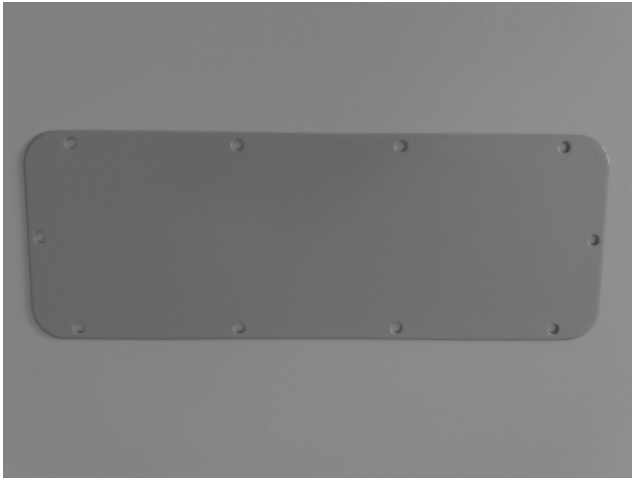
All models features logging and PV/genset models work as grid power export controller as well as off grid

1.1 Components in ECcube



1. 5 port Ethernet Switch
2. ECpv/ECpvH Logger, Solar, S, M or L variant (1 pcs. per ECcube)
3. Power Supply
4. Circuit Breaker
5. Terminals for mounting communication cables
6. Terminals for mounting power cables
7. Option: ECpanel

1.1.1 Bottom Plate



1.2 Extras

Extra number:	Extra Name	Extra Description
C	ECcloud	Cloud monitoring
E	EClink	VPN remote access (requires C + G4 extra)
P7	ECpanel7	7" HMI screen for plan operation control and monitoring
G4	4G Modem	4G modem allowing the ECcube to connect without LAN internet connection.
D2	SNMP	Interface via SNMP
D3	DNP3	Interface via DNP3
S1	Surge Protection COM2	Incl. Spare fuse
S2	Surge Protection COM3	Incl. Spare fuse
S3	Surge Protection Ethernet	Incl. Spare fuse

2.1 Technical Data

Rated Voltage	Un	115 / 230VAC Phase - Neutral
Rated Frequency	fn	50 / 60Hz
Rated Insulation Voltage	Ui	250VAC
Rated Impulse Voltage	Uimp	4 kV
Rated Current	In	1 A
Rated Conditional Short Circuit	Icc	6 kA
System Earthing		TN or TT
Size	HxBxD	400x400x210mm
Weight		11 kg
Degree of protection		IP66 (IP65 with ECpanel7)
Communication ports		2 x RS485 4 x Ethernet RJ45

For more information visit:

www.encombi.com