



NEW FROM SOLAX ECC-PLC



ECC-PLC

Description

The Solax Gateway ECC-PLC is a cutting-edge solution for capturing and conveying solar PV production and energy consumption data via RS485 to the Energy Control Center (ECC). It supports bidirectional communication, enabling seamless remote maintenance and system adjustments. With optional integrated production metering and consumption monitoring features, the ECC-PLC stands as a pivotal platform for intelligent energy management, optimizing energy efficiency and operational excellence.

Features

- Real-time load and PV production monitoring
- Web-based monitoring and control
- Bidirectional communication for remote upgrades
- Built-in industrial-grade PLC module
- Support for remote operation and maintenance

For more information, please contact us

www.solaxpower.com

AU: +61 1300 476529

DE: +49 6142 4091664

Global: +86 571-56260008

UK: +44 2476 586998

NL: +31 (0) 852 737932

info@solaxpower.com
service@solaxpower.com





Model	ECC-PLC
Communication to Microinverter	
Communication Signal	PLC
Maximum Communicating Inverters*	40
Communication to ECC	
RS485	COM x 1, 115200bps, Modbus-RTU
Power Data	
AC Power Supply	100-240VAC, 50-60Hz Single Phase (Three Phase Optional)
ECC-PLC Breaker	2-Pole And Maximum 20 A Overcurrent Protection Required
Power Consumption [W]	5
Mechanical Data	
Dimensions [mm] (W x H x D)	218 x 122 x 50
Weight [kg]	0.5
Operating Ambient Temperature Range [°C / °F]	-40 to +60 (-40 to 140)
Installation Method	Wall mounting / Rail mounting
Cooling	Natural Convection
Environmental Rating	Indoor - IP20
Interaction	
LED Indicators	LED Indicator x 1 – RUN
Other Features	
CT Sensor	Production and consumption metering
Meter Accuracy	Integrated PV production metering (+/- 1.0% via CT) and consumption monitoring (+/- 1.0% via CT)
Compability	
Microinverter	A1-Micro Series
Compliance	
Compliance	CSA C22.2 No. 61010-1-12, UL 61010-1, CSA-C22.2 No. 61010-2-030, UL 61010-2-030, FCC CFR Title 47, Part 15

*Number of inverters supporting PLC communication

*V1.0 Information may be subject to modify without notice. 650.00075.00