



ECC-PLC



Communication & Maintenance

- Bidirectional communication for remote upgrades
- Built-in industrial-grade PLC module
- Remote operation and maintenance



Monitor & Control

- Real-time load control and PV production monitoring
- Web-based monitoring and control

ECC-PLC

COMMUNICATION TO MICROINVERTER	
Communication signal	PLC
Maximum communicating inverters*	40
COMMUNICATION TO ECC	
RS485	COM × 1, 115200bps, Modbus-RTU
POWER DATA	
AC power supply	100-240 VAC, 50-60 Hz Single Phase (Three Phase Optional)
ECC-PLC breaker	2-Pole And Maximum 20 A Overcurrent Protection Required
Power consumption	5 W
MECHANICAL DATA	
Dimensions(W × H × D)	218 × 122 × 50 mm
Weight	0.5 kg
Operating ambient temperature range	-40 ~ +60°C (-40 ~ 140°F)
Installation method	Wall mounting / Rail mounting
Cooling	Natural Convection
Environmental rating	Indoor - IP20
INTERACTION	
LED indicators	LED Indicator × 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 N0.61010-1-12,UL61010-1. CSA-C22.2 No.61010-2-030:18,UL61010-2-030 FCC SDOC

*Number of inverters supporting PLC communication