

# Meter Adapter Controller



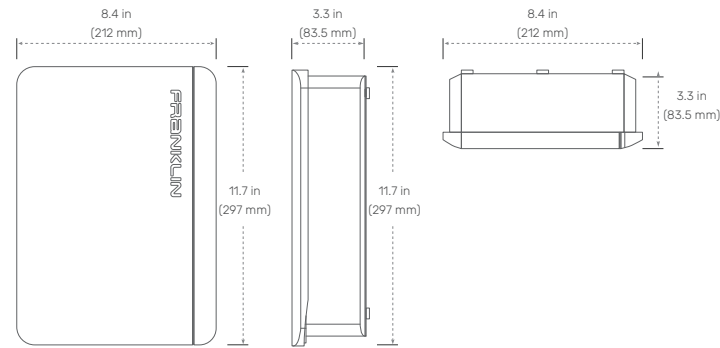
The FranklinWH meter adapter controller (MAC 1) is designed to manage third-party meter socket adapters (MSAs). It works seamlessly with these adapters to enable control of the grid relay's on/off switching and to facilitate the metering of home energy consumption from the grid.

## PERFORMANCE SPECIFICATIONS

Name	Meter Adapter Controller
SKU	MAC-R1V1-US
Nameplate Model	MAC-10
Certification / CEC Listing Name	MACyyy
Rated AC Input Voltage	208 Vac, 240 Vac
Operating AC Voltage Range	183–228 Vac, 211–264 Vac
Rated DC Input Voltage	12 Vdc, 24 Vdc
Operating DC Voltage Range	10–16 Vdc, 20–28 Vdc
Rated Frequency	60 Hz
Rated Power Consumption	7 W
Communications	CAN/RS485/Ethernet/Wifi/4G/Bluetooth
Warranty	15-year

## MECHANICAL SPECIFICATIONS

Dimensions	8.4 in (W) × 11.7 (H) in × 3.3 in (D) 212 mm (W) × 297 mm (H) × 83.5 mm (D)
Weight	3.3 lbs (1.5 kg)
Conduit Compatibility	¾ in
Mounting	Wall mount



## COMPLIANCE INFORMATION

Certifications	UL 1741; UL 1741 PCS; UL 3141; IEEE 1547; IEEE 1547.1; CSA C22.2 No.107.1-16
Environmental	California Proposition 65
Emissions	FCC Part 15 Class B, ICES 003

## ENVIRONMENTAL SPECIFICATIONS

Enclosure Type	TYPE 3R
Operating Temperature	–20° C to 50° C (–4° F to 122° F)
Storage Temperature	–30° C to 60° C (–22° F to 140° F)
Operating Humidity (RH)	Up to 100% RH, condensing
Altitude	Maximum 9,843 ft (3,000 m)
Environment	Indoor / Outdoor

A CT is required to measure AC-coupled solar generation. The CT is not included and must be ordered separately. Split CT SKU: ACCY-CT200V2-US.

