

Smart Main Panel

SMP - 200 OHUGAD



Performance Specifications

AC Voltage (Nominal).....	120/240V
Grid Connection.....	Single Phase
Grid Frequency.....	60Hz
Solar Disconnect Ampacity.....	100A
Busbar Rating.....	200A
Sub-feed Lug Rating.....	125A
Maximum Input Short Circuit Current.....	22kaic
Main Overcurrent Protection Device.....	125(x2)
AC Metering.....	ANSI Revenue Accurate (+/- 0.5%)

Environmental Specifications

Operating Temperature.....	-22 to 122 F (-30 to 50 C)
Operating Humidity (RH).....	Up to 100% condensing
Environment.....	Indoor & Outdoor Rated
Enclosure Type.....	3R Type

Enclosure Dimensions.....	55" tall x 23" wide x 7" deep
Weight.....	120lbs (54 kg)
Mounting Options.....	semi-flush; Surface;(doghouse required)
Environment.....	Indoor & Outdoor Rated
Enclosure Type.....	3R Type

SMP REQUIRES AN APPROVED EXTERNAL AUTOMATIC TRANSFER SWITCH FOR BATTERY BACK UP

Compliance Information

Emissions	FCC Part 15 Class B
Other.....	NEC Compliant
UL Listed	5025813

22kA RMS symmetrical with main breaker installed, otherwise 10kA. Service Entrance Rated when main breaker installed. Compatible with tandem/quad breakers at marked positions.

Available 40A Eaton Smart Breakers enable circuit-level control and additional smart home automation features through mobile application via WiFi connection.



Maximum Ampacity Specifications

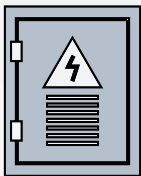
As a 200A rated main service panel, Smart Main Panel allows like-to-like main panel swaps that result in usable ampacity service well over 200A

- 1 200A Overhead/Underground Utility Meter (x2)
- 2 125A Main Breaker (x2)
- 3 6-12 space, 125 Amp solar load center
- 4 100A Solar Disconnect
- 5 200 Amp, 30-40 Breaker space



Grid Import

125 A

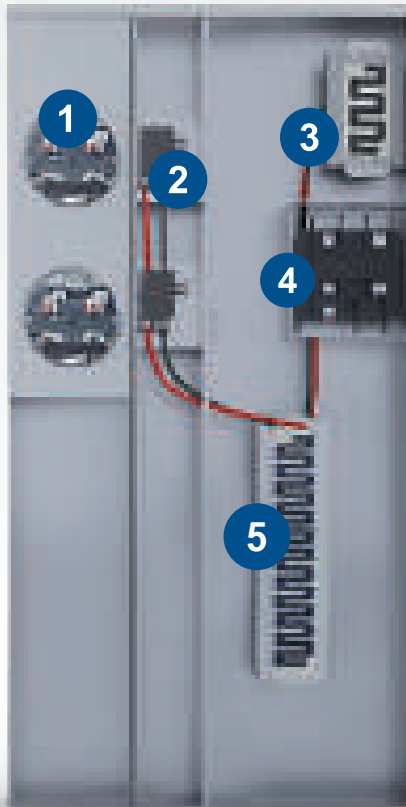


125 A

Requires subpanel integration with ADU meter



3 Tesla Powerwalls
= 90A



Up to 100 A

Solar Production

Requires sufficient solar panel system integration



14 kW Solar System = 100A Service

Up to 90 A

Battery Discharge

Requires sufficient battery system integration



Maximum Daytime Ampacity Service

With full solar production, battery capacity, and utility import

2 batteries360A

3 batteries390A



Maximum Nighttime Ampacity Service

With full battery capacity and utility import

2 batteries260A

3 batteries290A