

Smart Main Panel

SMP - 200 UG



Performance Specifications

AC Voltage (Nominal).....	120/240V
Grid Connection.....	Single Phase
Grid Frequency.....	60Hz
Solar Disconnect Ampacity.....	100A
Busbar Rating.....	225A
Sub-feed Lug Rating.....	225Amax
Maximum Input Short Circuit Current.....	22kaic
Main Overcurrent Protection Device.....	200 A Breaker
Controllable Circuits	20/40
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.....	NEMA 3R Type

Mechanical Specifications

Enclosure Dimensions.....	54" tall x 14 ¼ wide x 6 ½ deep
Weight.....	90 lbs (34kg)
Mounting Options.....	Semi Flush
Environment.....	Indoor & Outdoor Rated
Enclosure Type.....	NEMA 3R Type

Compliance Information

Emissions.....	FCC Part 15 Class B
Other	NEC compliant

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

225A load center for all, 20-40 breaker space
- 2

200A main breaker
- 3

100A solar disconnect
- 4

200A overhead/underground utility meter
- 5

125A solar load center, 10-12 Breaker space

125 A

Requires subpanel integration with ADU meter

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