



Smart Main Panel

SMP - 200 OH



Mechanical Specifications

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.....	200A
Maximum Input Short Circuit Current.....	22kaic
Main Overcurrent Protection Device.....	200A

Enclosure Dimensions.....	54" tall x 23" wide x 6 1/2" deep
Weight.....	111 lbs (50 kg)
Mounting Options.....	Surface
Environment.....	Indoor & Outdoor Rated
Enclosure Type.....	3R Type

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

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

Compliance Information

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

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

1 100 Amp Solar Disconnect

2 200 Amp Overhead Utility Meter

3 200 Amp Main Breaker

4 6/12, 125 Amp Breaker space

5 200 Amp, 13-16 Breaker space

6 200 Amp, 15-20 Breaker space



Grid Import

200 A

Up to 100 A

Requires sufficient solar panel system integration



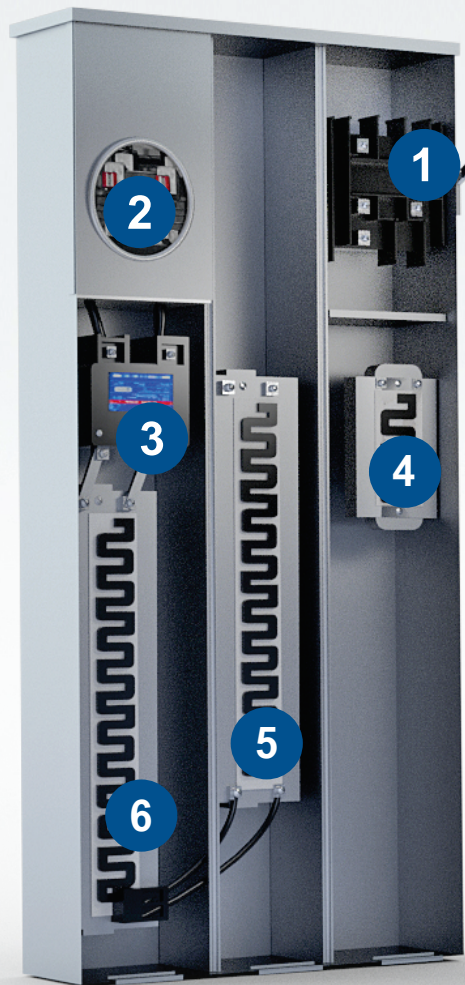
14 kW Solar System = 100A Service

Up to 90 A

Requires sufficient battery system integration



3 Tesla Powerwalls = **90A**



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