

# ENERGY QUARTERBACK

EQB



## EQB BACKUP SWITCH™

The **EQB BACKUP SWITCH** is a patented MID whole home electrical grid isolation switch, installed between the utility meter and meter socket, enabling any grid interactive backup inverter to seamlessly transition between the grid or backup power, with an optional DER connection directly into the load side of the switch, reducing installation times and enabling AC coupling with existing grid tied Solar Installations without modifying NEM agreements or the existing service panel.

### PERFORMANCE STATS

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| <b>Electrical Load Rating</b>       | 200 A Continuous 120/240VAC 60Hz 1PH  |
| <b>DER Load Side Tap</b>            | 100 A Continuous 120/240VAC 60Hz 1PH  |
| <b>Short Circuit Current Rating</b> | 22 kA w/ Breaker, 10 kA No Breaker    |
| <b>Meter/Socket Compatibility</b>   | Any ANSI C12.1 Meter / ANSI 2S Socket |
| <b>Breaker Compatibility</b>        | Any Breaker Up To And Including 200 A |

### FIELD ENVIRONMENT

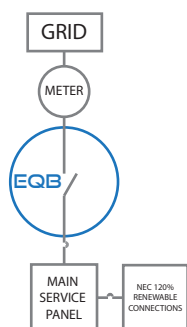
|                              |                               |
|------------------------------|-------------------------------|
| <b>Enclosure Rating</b>      | NEMA 3R                       |
| <b>Operating Temperature</b> | -30°C - 125°C (-58°F - 257°F) |
| <b>Flammability Rating</b>   | UL 94 Compliant               |

### CERTIFICATION / COMPLIANCE

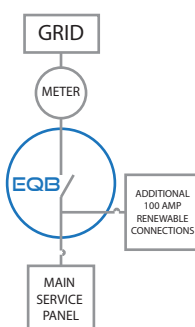
|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| <b>UL Listed</b>                | UL 414 / UL 414 SB                                                               |
| <b>Compliance</b>               | UL 414 SC / 2735 / 94 / 746 / ANSI C12.1;<br>IEEE 1547-2018; E-51941 and Rule 21 |
| <b>Current Utility Approval</b> | PG&E / SDG&E / SCE                                                               |

### CA UTILITY INNERCONNECTION APPROVALS

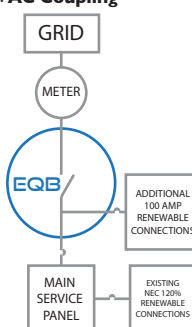
#### Isolation Only



#### Isolation +Panel Expansion



#### Isolation +Panel Expansion +AC Coupling



FRONT VIEW



SIDE VIEW

