

# SOLAR METER SOCKET ADAPTER

The ConnectER™ Solar Meter Socket Adapter (MSA) is designed to rapidly connect grid-ready solar PV assets to the home. The adapter is UL-listed, NEC compliant, and a low-cost alternative to traditional installation methods.



## SIMPLE PLUG & PLAY INTERCONNECTION FOR RESIDENTIAL SOLAR PV



- Eliminates main panel upgrades (MPU), reduces costs; provides a safe, reliable, and standardized point of interconnection
- Tool-free connection module removal provides easy access to meter socket for inspection and allows for safe removal by emergency personnel
- Connection module is reversible for conduit entry from either side of the MSA
- Ability to interconnect Solar PV without entering the premises or accessing the main panel
- Compatible with most residential meter sockets, including lever and horn bypass
- Integrated overcurrent protection device for Solar PV (80A, 22k AIC maximum)
- Backed by a 12.5-year warranty.

**AVAILABLE NOW!**

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### INSIDE A CONNECTDER SOLAR ADAPTER



**CIRCUIT BREAKER**



**TERMINAL BLOCK**

Suitable for use as Service Equipment

## MECHANICAL SPECIFICATIONS

|                                     |   |   |  |
|-------------------------------------|---|---|--|
| <b>ENCLOSURE RATING</b>             | NEMA 3R   | <b>MAXIMUM POWER</b>                        | 15.36 KW AC  |
| <b>ENCLOSURE TYPE</b>               | Injection molded polycarbonate, UL 94 V0 flame rating                                 | <b>MAXIMUM VOLTAGE</b>                      | 240V   |
| <b>COOLING</b>                      | Natural convection  | <b>MAXIMUM CONTINUOUS PV CURRENT</b>        | 64A  |
| <b>DIMENSIONS (H X W X D)</b>       | 6.7 x 6.7 x 4.6in adapter only<br>8.6 x 7.0 x 4.6in with connection module            | <b>CONTINUOUS COMBINED CURRENT, PV/GRID</b> | 200A   |
| <b>WEIGHT</b>                       | 4.1 lb (1.9kg)  | <b>INVERTER WIRING TERMINATION</b>          | Terminal block   |
| <b>MOUNTING SYSTEM</b>              | Blade interface with 4-jaw or 5-jaw meter socket                                      | <b>GRID TERMINATION METHOD</b>              | Blade interface with meter socket for L1/L2, pigtail for neutral |
| <b>ELECTRIC METER COMPATIBILITY</b> | Type 2S and 12S   |   |  |
| <b>METER SOCKET COMPATIBILITY</b>   | Ringless and ring-type, lever and horn bypass meter sockets                           |   |  |
| <b>DER INTERFACE POINT</b>          | Factory configured, load side of utility meter/supply side of main service disconnect |   |  |
| <b>CONDUIT CONNECTION</b>           | Single 1" NPT fitting   |   |  |
| <b>TERMINAL CONNECTIONS</b>         | L1, L2, N, G; Up to 3 AWG wire  |   |  |

## SAFETY INFORMATION

|  |                                 |                                      |   |
|--|---------------------------------|--------------------------------------|---|
| <b>APPLICABLE SAFETY STANDARDS</b>             | UL 414 – Meter Sockets          | <b>TYPE</b>                          | Siemens Type QP, Eaton Type BR (10k AIC) Siemens Type QH, Eaton Type BRH (22k AIC) Thermal magnetic 120/240V, externally resettable |
| <b>FILE NUMBER (STANDARDS)</b>                 | 5028888                         |                                      |   |
| <b>AMBIENT AIR OPERATING TEMPERATURE RANGE</b> | -22°F to 149°F (-30°C to 65° C) | <b>OVERCURRENT RATINGS AVAILABLE</b> | 40A, 60A or 80A Standard  |
| <b>AMBIENT AIR STORAGE TEMPERATURE RANGE</b>   | -40°F to 176°F (-40°C to 80°C)  | <b>CURRENT INTERRUPTING RATING</b>   | 10k AIC or 22k AIC  |

## OVERCURRENT PROTECTION

