

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.

INSIDE A CONNECTDER SOLAR ADAPTER



CIRCUIT BREAKER



TERMINAL BLOCK

Suitable for use as Service Equipment

AVAILABLE NOW!

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MECHANICAL SPECIFICATIONS

UTILITY INTERACTIVE SOURCE RATINGS

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

SAFETY INFORMATION

OVERCURRENT PROTECTION

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

