

SOLAR METER SOCKET ADAPTER

The **ConnectDER™ Solar Meter Socket Adapter (MSA)** is designed to rapidly connect grid-ready energy assets. It is a UL-listed, NEC compliant, low-cost alternative to traditional installation methods.



SIMPLE PLUG & PLAY INTERCONNECTION FOR RESIDENTIAL SOLAR PV



- Eliminates main panel upgrades (MPU), reduces costs, and standardizes safe, efficient installations
- Tool-free connection module removal provides easier access to meter socket for inspection and allows for safe removal by emergency personnel
- Reversible connection module with 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 (60A maximum)
- Suitable for use as service equipment
- Backed by a 12.5-year warranty

CONTACT US TO LEARN MORE

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INSIDE A CONNECTDER SOLAR ADAPTER



CIRCUIT BREAKER



PLUGGABLE INTERFACE

MECHANICAL SPECIFICATIONS		UTILITY INTERACTIVE SOURCE RATINGS	
ENCLOSURE RATING	NEMA 3R	MAXIMUM POWER	11.52 KW AC
ENCLOSURE TYPE	Injection molded polycarbonate, UL 94 V0 flame rating	MAXIMUM VOLTAGE	240V
COOLING	Natural convection	MAXIMUM CONTINUOUS PV CURRENT	48A
DIMENSIONS (H X W X D)	6.7 x 6.7 x 4.6in collar only 8.1 x 6.7 x 4.6in with connection module	CONTINUOUS COMBINED CURRENT, PV/GRID	180A
WEIGHT	3.6lb (1.6kg)	INVERTER WIRING TERMINATION	Terminal block
MOUNTING SYSTEM	Blade interface with 4-jaw	GRID TERMINATION METHOD	Blade interface with meter socket for L1/L2, pigtail for neutral
ELECTRIC METER COMPATIBILITY	Type 2S		
METER SOCKET COMPATIBILITY	Type 2S anRingless and ring-type, lever and horn bypass meter socketsd 12S		
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 4 AWG wire		

SAFETY INFORMATION		OVERCURRENT PROTECTION	
APPLICABLE SAFETY STANDARDS	UL 414 – Meter Sockets	TYPE	Eaton Type BR 120/240V, externally resettable
UL FILE NUMBER (STANDARDS)	E361188		
AMBIENT AIR OPERATING TEMPERATURE RANGE	-22°F to 149°F (-30°C to 65° C)	OVERCURRENT RATINGS AVAILABLE 40A AND 60A STANDARD	40A and 60A Standard
AMBIENT AIR STORAGE TEMPERA-TURE RANGE	-40°F to 176°F (-40°C to 80°C)	CURRENT INTERRUPTING RATING	10k AIC



“The ConnectDER is one of these potential “game-changers” that has really caught my attention...the main distribution panels in the home are notoriously small, outdated, maxed out, recessed into the wall, not listed for a supply-side inter-connection or a combination of the above – making interconnection costly and complex. Utilizing the ConnectDER how-ever can greatly simplify the process – bypassing the existing distribution panel all together and tying directly in at the meter in both a code-compliant and utility-sanctioned manner.”