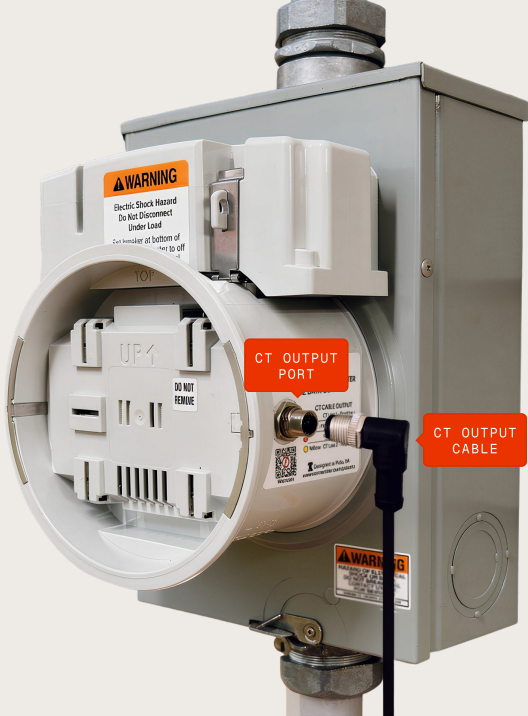




DATA OUT (D.O.) MODEL WITH CURRENT TRANSFORMERS

Solar Meter Socket Adapter (MSA)

- Exclusive Integration With **solarEdge** Inverters
- Consumption Current Transformers (CTs)
- Built-In Circuit Breaker (40A-60A-80A)
- Supports Systems ~15.36kW AC
- Tool-Free Reversible Connection Module
- Fits Ring, Ringless, Lever, Horn Bypass Sockets
- 12.5-Year Warranty



Safer, Quicker, Cost-Effective Alternative To Line-Side Taps & MPUs



2-8 Hours/Job
TIME SAVINGS



~\$4,550/Job
COST SAVINGS

Based on a survey of 50 installers with experience installing with and without a meter socket adapter.
Potential savings is most reflective of avoiding a MPU, when the main panel is inside the home.

No CT Labor.
Fewer Crew Errors.
Lower Install Cost.

Integrates exclusively with inverters from
solarEdge

Interconnection Made Easy

All-in-one supply-side connection and CT integration at the meter.

LESS WORK. FEWER HEADACHES. FASTER COMPLETION.			
	Solar MSA D.O.	Line-Side Tap	Service/MPU
Single-Line Diagrams	Simple, Repeatable	Complex, Custom	Complex, Custom
Interconnection	Easy	Labor Intensive	Separate
Install Time	15-30 Minutes	3-6 Hours	1-3 Days
CTs	Built-In	Installed Separately	Installed Separately
Inside Home Access	Minimal	Extensive	Extensive
Panel Work	None-Minimal	Substantial	Substantial
Home Repairs	None	Walls & Painting	Walls & Painting
Overcurrent Protection (Circuit Breaker)	Built-In, Up To 80A / 22k AIC	Installed Separately	Installed Separately
Safety Risk	Low	Moderate	Moderate
Inspection	Predictable	Less Predictable	Less Predictable

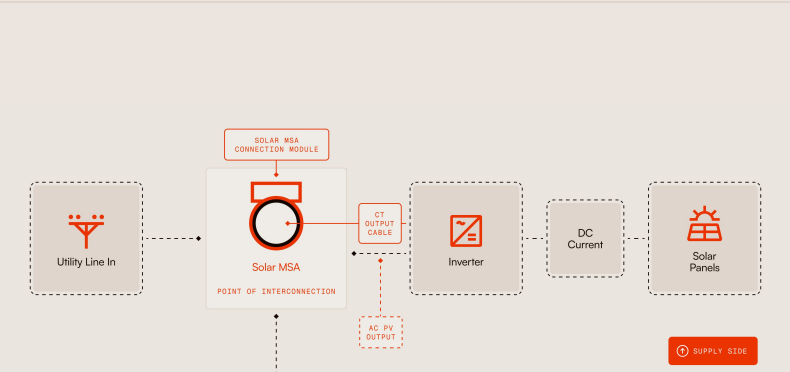
MECHANICAL SPECIFICATIONS		UTILITY INTERACTIVE SOURCE RATINGS	
Enclosure Rating	NEMA 3R	Maximum Power	15.36 KW AC
Enclosure Type	Injection molded polycarbonate, UL 94 V0 flame rating	Maximum Voltage	240V
Cooling	Natural convection	Maximum Continuous PV Current	64A
Dimensions (W x H x D)	6.7 x 6.7 x 4.6in adapter only 8.6 x 7.0 x 4.6in with connection module	Continuous Combined Current, PV/Grid	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	Current Sensing	ANSI 0.2 accuracy class CTs for revenue grade sensing
Meter Socket Compatibility	Ringless and ring-type, lever and horn bypass meter sockets	Data Cable	Quick connect, 20 feet standard, 20 AWG, 600V rated, Outdoor / UV Rated, can cut to length
DER Interface Point	Factory configured, load side of utility meter/supply side of main service disconnect	Data Connection	IP67 Rated
Conduit Connection	Single 1" NPT fitting		
Terminal Connections	L1, L2, N, G; Up to 3 AWG wire		

SAFETY INFORMATION

Applicable Safety Standards	UL 414 — Meter Sockets
ETL Control Number	5028888
Ambient Air Operating Temperature Range	-22°F to 149°F (-30°C to 65°C)
Ambient Air Storage Temperature Range	-40°F to 176°F (-40°C to 80°C)

OVERCURRENT PROTECTION

Type	Siemens Type QH, Eaton Type BRH (22k AIC) Thermal magnetic 120/240V, externally resettable
Overcurrent Ratings Available	40A, 60A and 80A Standard
Current Interrupting Rating	22k AIC



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With ConnectDER and its integrated CTs, we’re able to complete installs faster and more cleanly. Eliminating panel work reduces install time and helps avoid additional truck rolls.

MATT MACFADDEN - OWNER & CEO | SUNNYMAC



PS-00012REV B

INSTALLATION MANUAL



Installs behind the utility meter where approved.
For more information, visit connectder.com/installation.