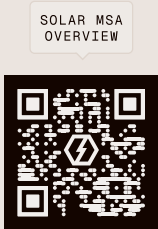




Solar Meter Socket Adapter (MSA)

- Built-In PV Breaker (40A, 60A, 80A Models)
- Supports Systems Up To 15.36kW AC
- Works With Any Grid-Tied, String, Or Microinverter
- Fits Ring, Ringless, Lever, Horn Bypass Sockets
- Compatible With 2S/12S Meters Up To 200A
- Tool-Free Reversible Connection Module
- 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
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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.

Interconnection Made Easy

All-in-one supply-side connection at the meter.

LESS WORK. FEWER HEADACHES. FASTER COMPLETION.			
	Solar MSA	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
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



SALES / QUESTIONS
INSTALL / PRODUCT SUPPORT

sales@connectder.com
support@connectder.com

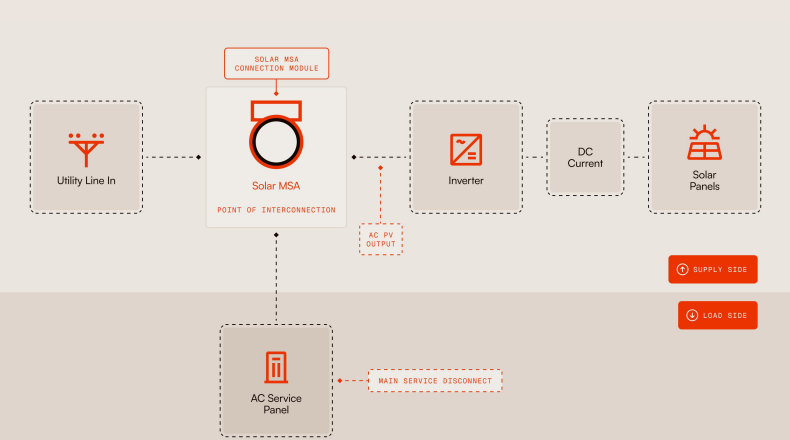
orders@connectder.com
(703) 232-1427

connectder.com/contact
connectder.com/installation

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	4.1 lb (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	SOLAR MSA V5.2 MODEL NUMBERS		
Meter Socket Compatibility	Ringless and ring-type, lever and horn bypass meter sockets	Model #	Circuit Breaker	AIC
DER Interface Point	Factory configured, load side of utility meter/supply side of main service disconnect	C-B-5-22-40	40A	22k
Conduit Connection	Single 1" NPT fitting	C-B-5-22-60	60A	22k
Terminal Connections	L1, L2, N, G; Up to 3 AWG wire	C-B-5-22-80	80A	22k

SAFETY INFORMATION	
Applicable Safety Standards	UL 414 — Meter Sockets
File No. (Standards)	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)





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Easy to install and even easier to design with. It helps out especially with PV systems that are too large to interconnect with backfeed breakers and projects where **standard line-side taps are not possible.**

ONDŘEJ M. | DESIGN MANAGER

 FREEDOM POWER

INSTALLATION MANUAL



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