



CORE COMPONENT OF THE SOLAREEDGE NEXIS SYSTEM

SolarEdge Nexus IslandDER™ Meter Socket Adapter (MSA)

- Microgrid Interconnect Device (MID)
- MID Override Switch
- Consumption Current Transformers (CTs)
- Reversible Connection Module
- LED Status Lights
- Patented Passive Cooling
- 12.5-Year Warranty

ISLANDDER™



MODEL #: #V-1-D-SE

NEXIS



Easier. Faster. More Profitable Installs.

Whole-Home Backup MID Solution, Exclusive
Integration With **solarEdge** Nexus

Save Hours To Days Per Job, Complete More Installs

Home backup without the panel upgrade, circuit relocations, or separate system controller.

 4-8 Hours AVG TIME SAVINGS		 2 Installs/Day INCREASED VOLUME		 \$2,500-\$5,000 AVG COST SAVINGS (INSTALLER FEEDBACK)	
	SolarEdge Nexus IslandDER™	System Controllers	Circuit Relocation	Service/MPU	
Single-Line Diagrams	Simple, Repeatable	Complex, Custom	Complex, Custom	Complex, Custom	
MID & CTs	Built-In	Built-In or Separate	Separate	Separate	
Install Time	15-30 Minutes	3-6 Hours	1-2 Days	2-3 Days	
Home Repairs	None	Walls & Painting	Walls & Painting	Walls & Painting	
PCS Support	Built-In	Built-In	Extra Components Required	Extra Components Required	
Meter Socket Types Utility and AHJ requirements may apply to meter socket compatibility	Ring/Ringless, 2S/12S, Lever/Horn Bypass, Standalone/Meter Main	N/A	N/A	N/A	
Single Sockets & Meter-Main Combos	Easy	Labor Intensive	Labor Intensive	Labor Intensive	
Safety Risk	Low	Moderate	Moderate	Moderate	

➤ Customer-Friendly ➤ Lower Install Cost ➤ Fewer Visible Components ➤



SALES / QUESTIONS

sales@connectder.com

orders@connectder.com

connectder.com/contact

INSTALL / PRODUCT SUPPORT

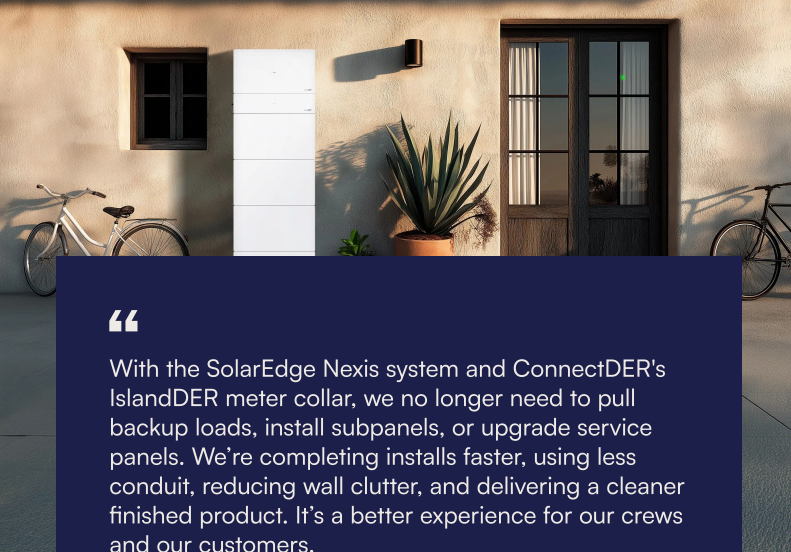
support@connectder.com

(703) 232-1427

connectder.com/installation

MECHANICAL SPECIFICATIONS		COMMUNICATIONS	
Enclosure Rating	NEMA 3R	Type	Discrete sensing, control, status, and 12V power signals
Enclosure Type	Injection Molded Polycarbonate, UL 94 5VA flame rating	Cable	Field-installed, Outdoor/UV rated ethernet cable
Thermal Management	Passive Cooling, Heat Sinks	Connexion	Field-wired from Connection Module SolarEdge Nexis Inverter, Pluggable, Weathertight RJ45 Connection with sealing boot, Reversible at top of MSA
Optional Neutral Connection	Wired to Meter Socket or 5th Stab Options	Power	12V DC bus to/from SolarEdge Nexis Inverter, Max 5W power supply available to SolarEdge Nexis Inverter from grid side of MID (load side of meter)
Dimensions (W x H x D)	(W) 7.6" x (H) 7.8" x (D) 4.9"	MSA Current Sensing	ANSI 0.2 Accuracy Class CTs for Revenue Grade Sensing
Weight	5.65 lbs / 2.56 kg (with Connection Module)	MSA Voltage Sensing	Line and Load side (of MID) - 0.4% Accuracy at Ambient, 1% Across Temperature Range
Shipping Weight	7.3 lbs (3.31 kg)	MID Control	Discrete open/close signals with 1ms input noise rejection, Actuation time < 15 ms
Mounting System	Blade interface with 4-jaw or 5-jaw meter socket	MSA Status	Discrete signals for: MID open/close status, manual MID override interlock, MID ready, grid power present, MSA fault
Electric Meter Compatibility	Type 2S, 12S	Internal Temperature Sensing	Internal Temperature Sensing
Meter Socket Compatibility	Ringless, Ring-type, Lever, Horn Bypass	Whole Product Sensing Accuracy	Current <1% Voltage < 1% at ambient, <1.6% across temperature range
Manual MID Override	Externally Accessible Switch, Protected by (Dry Contact) Interlocked Tool-Access Cover		

RATINGS	
Voltage	208V, 240V
Max Continuous Current	200A
Short Circuit Rating	22k AIC (Rating independent of any external load side overcurrent devices)
MID Rated Cycles	10,000
Applicable Safety Standards	UL 414 SA, SB, SC — Meter Sockets, UL 1741 / 3141 / 9741 system ready
Emissions	FCC CFR Part 15 Class B, ANSI C12 / IEC 61000
ETL	ETL file # 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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With the SolarEdge Nexis system and ConnectDER's IslandDER meter collar, we no longer need to pull backup loads, install subpanels, or upgrade service panels. We're completing installs faster, using less conduit, reducing wall clutter, and delivering a cleaner finished product. It's a better experience for our crews and our customers.

TATE ABDON | DIRECTOR OF INSTALLATIONS



PS-00012REVB

INSTALLATION MANUAL



Installs behind the utility meter in approved territories. Where meter collars are not approved, you may install the SolarEdge Nexis IslandDER™ nationwide in a separate standalone, customer-owned socket. For the most up-to-date information, visit connectder.com/installation.

