# solar<mark>edge</mark>

### SolarEdge Electricity Meter

for North America SE-MTR240-0-000-S2

mmun 5 years Narran 0 Junww solaredge 0-MB SN: 4042959 0Hz 4W 4616 G Ν 0 0 140V~ ØL1 L1 CT 0.333V~ ØL1 #-N 140V~ #-# 240V~ 240V CAT III ØL2 0 L2 CT 0.333V-0 ØL3 Status 3 L3 CT 40mA-

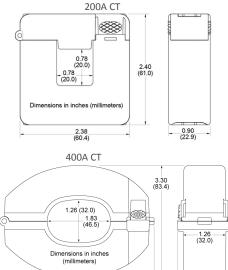
### SolarEdge Electricity Meter

- Simple installation and connectivity
- Type NEMA 3R enclosure for outdoor protection
- Provides high accuracy meter readings
- Communicates over RS485 to provide monitoring data
- Suitable for export limitation, consumption monitoring and StorEdge<sup>™</sup> applications

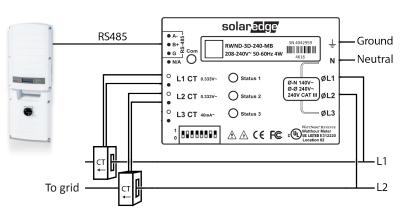
## SolarEdge Electricity Meter for North America SE-MTR240-0-000-S2

	SE-MTR240-0-000-S2	UNITS
METER ELECTRICAL SERVICE		
Meter Operating Voltage Range - Line to Line	211 - 264	Vac
AC Frequency	60	Hz
Grids Supported	L1 / L2 / N / PE	
Power Consumption (typ.)	1.2	W
COMMUNICATION		
Meter Communication Interfaces	RS485	
Response Time	≤1 sec	
Device ID (Modbus)	2	
METER ACCURACY (@77°F / 25°C , PF:0.7- 1)		· · · · · · · · · · · · · · · · · · ·
1% - 100% of Rated CT Current	±1.0	%
STANDARD COMPLIANCE		
Safety	UL508A	
Emissions	FCC part15 class B	
INSTALLATION SPECIFICATIONS		
Dimensions (HxWxD)	8.1 x 12.4 x 4.6 / 206.6 x 316 x 117.5	in / mm
Weight	3.9 / 1.8	lb / kg
Operating Temperature Range	-40 to +131 / -40 to +55	°F / °C
Protection Rating	NEMA Type 3R	
Conduit Entry Diameters	0.75 / 1	in / mr
Mounting Type	Wall mount	

**Current Transformer Dimensions** 



Connecting the Electricity Meter



\* Current Transformers (CTs) should be ordered separately: SEACT0750-200NA-20 (200A); SEACT1250-400NA-20 (400A). Each comes in boxes of 20.

1.58 (40.2)



4.50 (114.0)

© SolarEdge Technologies, Inc. All rights reserved. SOLAREDGE, the SolarEdge logo, OPTIMIZED BY SOLAREDGE are trademarks or registered trademarks of SolarEdge Technologies, Inc. All other trademarks mentioned herein are trademarks of their respective owners. Date: 07/2017. V.01. Subject to change without notice.