



## SolarEdge Cellular CDMA Kit

North America

SE1000-CDMA2005



COMMUNICATION

### Cellular Internet Connectivity

- Connects SolarEdge inverters wirelessly to the Internet
- No need for Internet infrastructure at site
- Installed within the inverter enclosure for outdoor resilience
- Enables remote analysis and troubleshooting
- Comprehensive coverage in the US\*
- Immediate monitoring connection feedback

\* For a detailed coverage map refer to the following link and select the 1x Coverage option: <http://www.showmycoverage.com/mycoverage.jsp?id=AER7891S>



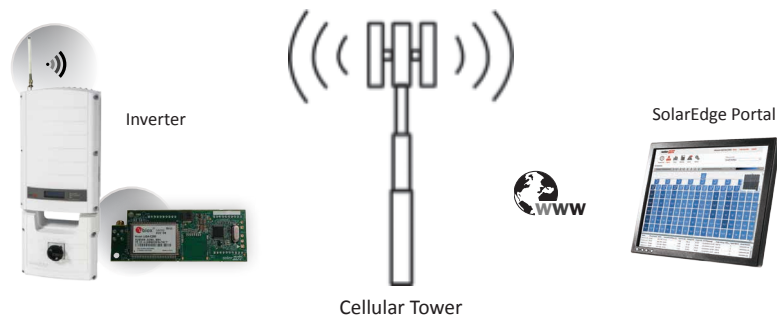
# SolarEdge Cellular CDMA Kit

## North America

### SE1000-CDMA2005

	SE1000-CDMA2005	UNIT
<b>FUNCTIONAL</b>		
Number of Inverters that can be Monitored	1	
Data Plan	5 year prepaid plan (non-extendable*)	
Supported by Inverter Firmware	CPU v3.12xx and above	
<b>ELECTRICAL</b>		
Operating Frequency Min.-Max. CDMA 800	Modem transmit: 824-849, Modem receive: 869-894	MHz
Operating Frequency Min.-Max. CDMA 1900	Modem transmit: 1850-1910, Modem receive: 1930-1990	MHz
Antenna Connector	RP-SMA	
<b>RF PERFORMANCE</b>		
Maximum Transmit Power	24	dBm
Receiver Input Sensitivity (Forward Link RF Level @ FER < 0.5 %)	Typ. -107, Min. -106	dBm
<b>DATA SAMPLING RESOLUTION</b>		
Inverter Level - Full Data	10	Minutes
Total Energy – Inverter or Revenue Grade**	15	Minutes
Module Level - Full Data	15***	Minutes
<b>STANDARD COMPLIANCE</b>		
Safety	cUL, UL60950	
Emissions and Radio	FCC parts 15, 22, 24 class B, Industry Canada (IC): ICES-003, RSS-102	
<b>INSTALLATION SPECIFICATIONS</b>		
Dimensions (L x W)	Through-Hole: 3.55 x 1.35 / 90.5 x 34.5	in/mm
Operating Temperature	-40 to +185 / -40 to +85	°F/°C

\* New CDMA Kit can be purchased when the plan expires  
 \*\* Revenue grade data only when using revenue grade inverter  
 \*\*\* Up to 60 power optimizers



# RoHS