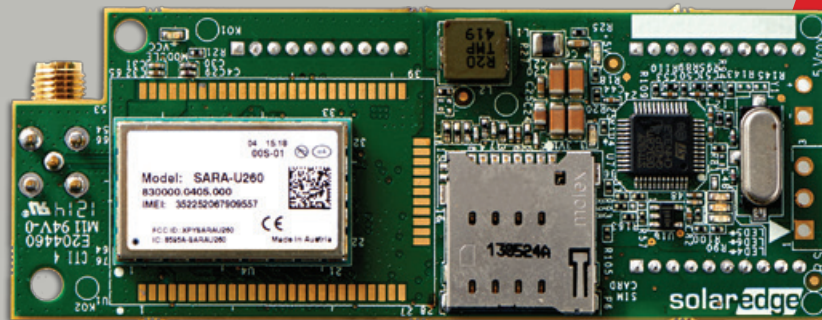




# SolarEdge Cellular GSM Kit & Data Plans

For North America

SE-GSM-R12-XX-S1 / SE-GSM-R12-XX-S2



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
- Supports low bandwidth configuration for reduced data usage and cost
- Includes SolarEdge data plan

\* For a detailed coverage map refer to the following link and select the 3G GSM option: <http://www.aeris.com/technology/aerconnect/coverage-map/#modal>



# SolarEdge Cellular GSM Kit & Data Plans

For North America SE-GSM-R12-XX-S1 / SE-GSM-R12-XX-S2

DATA PLAN	SE-GSM-R12-XX-S1*	SE-GSM-R12-XX-S2*	UNIT
Supported Systems	Residential systems: one inverter, up to 60 power optimizers, and 2 meters	Residential StorEdge systems: one inverter, up to 60 power optimizers, up to two batteries, and 2 meters	
Monitoring	Data sampled every 15 minutes and sent to SolarEdge server every 4 hours		
Number of Monitored Inverters with a Single GSM Modem Kit	1		
Plan Duration	12 year prepaid plan		
RF PERFORMANCE			
Operating Frequency Min.-Max. 850	Modem transmit: 824-849 Modem receive: 869-894		MHz
Operating Frequency Min.-Max. 1900	Modem transmit: 1850 -1910 Modem receive: 1930 -1990		MHz
Antenna	Included, 2dBi outdoor; Dual band antenna: 824-960MHz / 1710-2170MHz		
Maximum output power: 850MHz band	33		dBm
Maximum output power: 1900MHz band	30		dBm
Receiver Input Sensitivity (Downlink RF level @ BER Class II < 2.4 % )	Typical -109		dBm
STANDARD COMPLIANCE			
Emissions and Radio	FCC CFR Title 47 Part 15 Class B, Part 15.247		
INSTALLATION SPECIFICATIONS			
Dimensions (L x W)	3.55 x 1.35 / 90.5 x 34.5		in/mm
Operating Temperature	-40 to +185 / -40 to +85		°F/°C

\* Different data plans: XX=NA for data plan for the US & Canada, XX=US for data plan for the US only

