
Cellular Plug-in with Commercial Data Plan

For North America

SE-CELL-B-R05-S-S4, SE-CELL-B-R05-S-S5



COMMUNICATION

Cellular Internet Connectivity for Commercial Installations

- Compatible with inverters with SetApp configuration
- Connects SolarEdge inverters wirelessly to the Internet
- No need for Internet infrastructure at site
- Installed in inverter
- Enables remote analysis and troubleshooting
- Supports high bandwidth monitoring of inverters, optimizers, meters and weather stations
- Future proof solution

/ Cellular Plug-in with Commercial Data Plan for North America

SE-CELL-B-R05-S-S4⁽¹⁾, SE-CELL-B-R05-S-S5⁽¹⁾

Compatible Inverters	SExxxx-xxxxxBxxx4 (Inverters with SetApp configuration)		UNIT
	SE-CELL-B-R05-S-S4	SE-CELL-B-R05-S-S5	
COVERAGE	Refer to the following link and select the Voice coverage option: https://coverage.sprint.com/IMPACT.jsp		
FUNCTIONAL			
Supported Commercial Systems up to	200	1000	kW AC
Monitoring	Continuous connection with 5 minute telemetry from all connected devices		
Number of Monitored Inverters with a Single Cellular Plug-in	Up to 32, limited by the system AC size ⁽²⁾		
Plan Duration	5 years		
RF PERFORMANCE			
Operating Frequency Min.-Max. CDMA 800	Modem transmit: 824-849		MHz
	Modem receive: 869-894		
Operating Frequency Min.-Max. CDMA 1900	Modem transmit: 1850 -1910		MHz
	Modem receive: 1930 -1990		
Antenna	Included, 2dBi outdoor; Dual band antenna: 824-960MHz / 1710-2170MHz		
Antenna Connector	RP-SMA		
Maximum output power: 850MHz band	24		dBm
Maximum output power: 1900MHz band	24		dBm
Receiver Input Sensitivity	Typ. -107, Min. -106 (Forward Link RF Level @ FER < 0.5 %)		dBm
STANDARD COMPLIANCE			
Emissions and Radio	FCC parts 15, 22, 24 class B		
INSTALLATION SPECIFICATIONS			
Dimensions (L x W)	3.08 x 1.26 / 78.3 x 32.2		in/mm
Operating Temperature	-40 to +185 / -40 to +85		°F/°C

⁽¹⁾ Available only in the US. Customer is responsible for verifying that the region of installation is covered by the 2G CDMA network prior to any installation by accessing Sprint coverage map. SolarEdge shall not be responsible or liable for unavailability or discontinuance of network coverage in a specific area or region or any network downtime.

⁽²⁾ For larger systems, use multiple Cellular Plug-ins.

Single or Multiple Inverters

