

Cellular Plug-in with Data Plan for Residential Systems for the US

SE-CELL-B-R05-S-S2 / SE-CELL-B-R12-S-S2



COMMUNICATION

Cellular Internet Connectivity for Residential Installations

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

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COMPATIBLE INVERTERS	SE-CELL-B-R05-S-S2 SINGLE PHASE INVERTERS WITH PN SEXXXX-XXXXXBXXX (INVERTERS WITH SETAPP CONFIGURATION)	SE-CELL-B-R12-S-S2	UNIT
COVERAGE ⁽¹⁾	Refer to the following link and select the Voice option: https://coverage.sprint.com/IMPACT.jsp		
FUNCTIONAL			
Supported systems	Residential systems: one inverter, up to 45 power optimizers, and one meter. Residential StorEdge systems: one inverter, up to 30 power optimizers, 2 batteries, and one meter		
Monitoring	Data sampled every 5 minutes and sent to SolarEdge server		
Data Plan	5 year prepaid plan (non-extendable ⁽²⁾)	12 year prepaid plan (non-extendable ⁽²⁾)	
RF PERFORMANCE			
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		
Maximum transmit power	24		dBm
Receiver Input Sensitivity (Forward Link RF Level @ FER < 0.5 %)	Typ. -107, Min. -106		dBm
STANDARD COMPLIANCE			
Safety	cUL, UL60950		
Emissions and Radio	FCC parts 15, 22, 24 class B		
INSTALLATION SPECIFICATION			
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. For 12 year data plans - in the event that third party cellular technology currently used by SolarEdge (1xRtt CDMA) is phased out or becomes otherwise unavailable, SolarEdge shall ship replacement parts such as modem and/or SIM card of a prevailing technology. Upon such replacement, the new prevailing hardware shall continue to be covered for the remainder of the original data plan duration. Customer is responsible for verifying that the region of installation is covered by the 1xRtt CDMA network prior to any installation by accessing: <https://coverage.sprint.com/IMPACT.jsp>
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⁾ New cellular plug-in can be purchased when the plan expires

