

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 SXXXXX-XXXXXXBXXX (INVERTERS WITH SETAPP CONFIGURATION)	SE-CELL-B-R12-S-S2	UNIT
COVERAGE	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 ⁽¹⁾)	12 year prepaid plan (non-extendable ⁽¹⁾)	
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) New cellular plug-in can be purchased when the plan expires

