

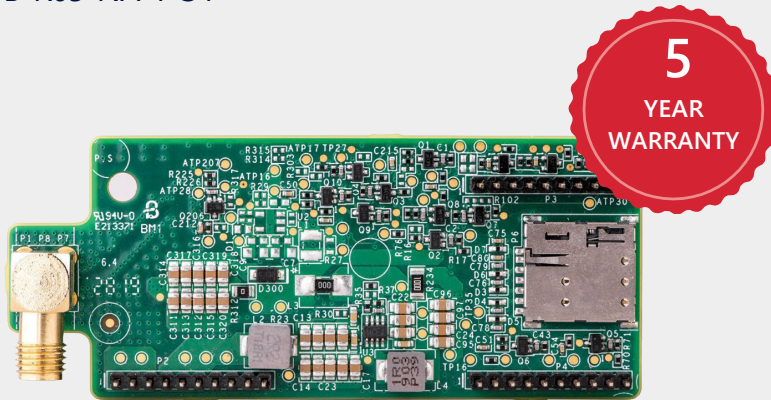
Cellular Plug-in with Data Plan for the US and Canada for SetApp Inverters

For Residential Systems:

CELL-B-R05-US-S-S2
 CELL-B-R05-NA-S-S2

For Commercial Systems:

CELL-B-R05-US-S-S4 CELL-B-R05-US-T-S4
 CELL-B-R05-US-S-S5 CELL-B-R05-US-T-S5
 CELL-B-R05-NA-T-S4



Cellular Internet Connectivity for Commercial and Residential Installations

- // Compatible with SetApp-enabled inverters
- // Connects SolarEdge inverters wirelessly to the internet
- // No need for internet infrastructure at site
- // Installed within the inverter enclosure for outdoor resilience
- // Supports high bandwidth monitoring of inverters, optimizers, EV chargers, batteries, meters and weather stations
- // Enables remote analysis and troubleshooting
- // 5-year-year data plan is included
- // Comprehensive coverage in the US and Canada

/ Cellular Plug-in with Data Plan

For the US and Canada for SetApp Inverters

CELL-B-R05-US-S-S2
 CELL-B-R05-NA-S-S2
 CELL-B-R05-US-S-S4
 CELL-B-R05-US-S-S5

CELL-B-R05-NA-T-S4
 CELL-B-R05-US-T-S4
 CELL-B-R05-US-T-S5

COMPATIBLE INVERTERS (With SetApp Configuration)	CELL-B-R05-xx-S-Sx	CELL-B-R05-xx-T-Sx	UNIT
	SEXxxx-xxxxxBxx4	SExxK-xxxIxxx4 (excluding SExxK-xxxPIxxx)	
Monitoring	Continuous connection with 5 minute telemetry from all connected inverters		
Supported Residential Systems (CELL-B-R05-xx-S-S2)	Residential systems: 1 inverter, up to 45 power optimizers, and 1 meter Residential StorEdge systems: 1 inverter connected, up to 30 power optimizers, 2 batteries and 1 meter		
Supported Power of Commercial Systems	Up to 200kW AC (for CELL-B-R05-xx-x-S4)	Up to 1000kW AC (for CELL-B-R05-xx-x-S5)	kW AC
Number of Monitored Inverters with a single Cellular Plug-in	Commercial: Up to 32 inverters, limited by the system AC size ⁽²⁾ Residential: 1 inverter		
Data Plan Duration	5 years prepaid plan		
Model Number ⁽³⁾	CELL-B1 / CELL B3		
RF PERFORMANCE	OPERATING FREQUENCY		
LTE Cat M1 FDD	Band/ Freq (MHz)	Modern Transmit / Modern received	
	2100 (B1)	1920-1980 / 2110-2170	MHz
	1900 (B2)	1850-1910 / 1930-1990	MHz
	1800 (B3)	1710-1785 / 1805-1880	MHz
	1700 (B4)	1710-1755 / 2110-2155	MHz
	850 (B5)	824-849 / 869-894	MHz
	900 (B8)	880-915 / 925-960	MHz
	700 (B12)	699-716 / 729-746	MHz
	700 (B13)	777-787 / 746-756	MHz
	850 (B18)	815-830 / 860-875	MHz
	850 (B19)	830-845 / 875-890	MHz
	800 (B20)	832-862 / 791-821	MHz
	1900 (B25)	1850-1915 / 1930-1995	MHz
	850 (B26)	814-849 / 859-894	MHz
	700 (B28)	703-748 / 758-803	MHz
	1900 (B39)	1880 / 1920	MHz
Bandwidth	1.4, 3, 5 ⁽⁴⁾		MHz
Maximum Transmit Power	23		dBm
Receiver Input Sensitivity (CE Mode A)	-107		dBm
Modulation	Downlink: QPSK\16QAM\64QAM, Uplink: QPSK\16QAM		
ANTENNA			
Dual Antenna Bands	824-960	1710-2170	MHz
Antenna Type	Outdoor		
Antenna Connector	RP-SMA or N plug ⁽⁵⁾		
VSWR	≤4.0		
Gain	2		
Polarization	Vertical		
Material	PC Lexan 503R-WH5151L or WH8G952 Sabic		
Dimensions (Length x Diameter)	7.87 x 0.78 / 200 x 20		
Antenna Cable length	CELL-B-R05-xx-S-Sx	52 / 130	in / mm
	CELL-B-R05-xx-T-Sx ⁽⁶⁾	71 / 180	

/ Cellular Plug-in with Data Plan

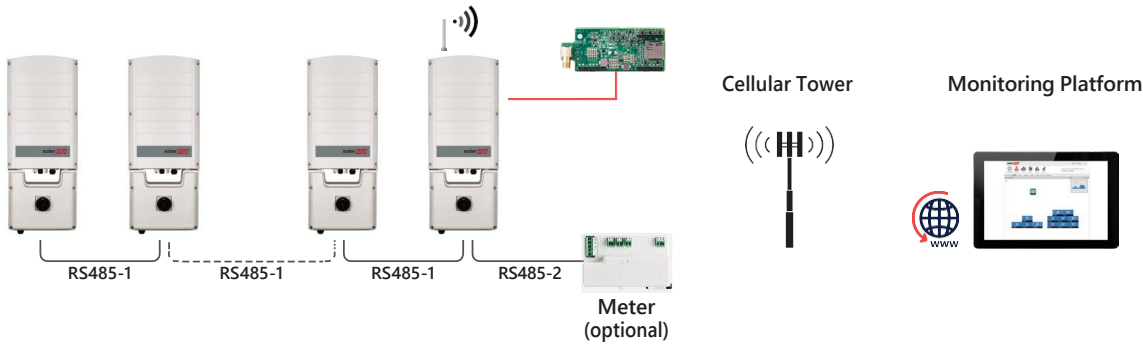
For the US and Canada for SetApp Inverters

CELL-B-R05-US-S-S2
 CELL-B-R05-NA-S-S2
 CELL-B-R05-US-S-S4
 CELL-B-R05-US-S-S5

CELL-B-R05-NA-T-S4
 CELL-B-R05-US-T-S4
 CELL-B-R05-US-T-S5

STANDARD COMPLIANCE		
EMC and Radio	FCC parts 15, 22, 24 class B; Industry Canada (IC):ICS-003, RSS-102 AS/CA S042.4 Requirements for connection to an airinterface of a Telecommunications Network Part 4: IMT Customer Equipment	
Safety cUL, UL60950	cUL, UL60950	
RoHS	Yes	
INSTALLATION SPECIFICATIONS		
Dimensions (L x W x H)	3.07 x 1.27 x 0.56 / 78.2 x 32.5 x 14.2	in / mm
Operating Temperature	-40 to +85 / -40 to +185 °C / °F	
Mounting	Built into the inverter or purchased separately	
Power consumption	0.85 (@23 dBm output power)	W
SIM CARD HOLDER		
Type	Nano Sim	

Single or Multiple Commercial Inverters



Single or Multiple Residential Inverters

