Enphase Mobile Connect Cell Modem

The **Enphase Mobile Connect Cellular Modem**

delivers easy, reliable networking for Enphase Energy Systems - with multiple carrier options.



Smart

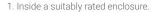
 Enables web-based monitoring and control

Flexible

• Multiple network options to choose from for the best coverage for the location.

Reliable

- Designed for indoor or outdoor installation
- · Five-year warranty







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MODEL NUMBERS	
Enphase Mobile Connect Cell Modem	This compact, rugged modem provides low power, long range cellular connections for fixed location indoor and outdoor solar installations. This plug and play industrial grade cellular modem supports systems of up to 60 micro inverters. Select from the below models based or which operator provides the best coverage in your area ² .
- CELLMODEM-M1-06-SP-05 ⁴	Modem with a 5 year Sprint (T-Mobile) data plan. Available in US, Canada, Puerto Rico, and the US Virgin Islands ³
- CELLMODEM-M1-06-AT-05	Modem with a 5 year AT&T data plan. Available in US, Canada, Mexico, Puerto Rico, and the US Virgin Islands, Australia, New Zealand, France, UK, Netherlands, Germany, Austria, Belgium Switzerland, Spain, Portugal, Italy, Poland
GENERAL	
Performance	LTE CAT M1,EGPRS
Frequency band (MHz)	LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28 LTE-TDD: B39 (Cat M1 Only) EGPRS: 850/900/1800/1900MHz
Packet data ³	Cat M1: Max. 375Kbps (DL) / 375Kbps(UL)
SMS	Text and PDU mode, point to point MO and MT, SMS cell broadcast
POWER REQUIREMENTS	
Voltage	USB Powered - 5V
CONNECTORS	
RF antenna	50 ohm SMT customized flex antenna
SIM	Micro SIM (3FF); 1.8V
USB	Type A USB
MECHANICAL DATA	
Dimensions (LxWxH)	91 mm x 60 mm x 15 mm
Weight	100 grams (approximate)
Chassis type	Plastic
Operating temperature	-40°C to +65°C
Storage temperature	-40°C to +65°C
Humidity	Relative humidity 15% to 93%
Environmental rating	If installed outdoors, install Enphase Mobile Connect cell modem in NEMA 3R or IP54 rated enclosure.
COMPLIANCE	
Regulatory	FCC Class B (US) IC (Canada) IFT (Mexico) RCM(Australia) R-NZ(New Zealand) CE and RED (EU)
Safety	UL-62368-1, IEC/EN 62368-1:2014, CSA C22.2 NO. 62368-1-14
Network	PTCRB, AT&T, Sprint (T-Mobile)
SUPPORTED COMBINER AND IQ GATEWAY M	ODEL
IQ Combiner Models	X-IQ-AM1-240-B, X-IQ-AM1-240-2, X-IQ-AM1-240-3, X-IQ-AM1-240-3C, X-IQ-AM1-240-3-ES, X-IQ-AM1-240-4, X-IQ-AM1-240-4C
IQ Gateway Models	ENV-IQ-AM1-240, ENV-S-AB-120-A, ENV-S-AM1-120, ENV-S-WB-230, ENV-S-WM-230

- 2. Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.
- 3. More regions to be added in the future.
- 4. CELLMODEM-M1-06-SP-05 is available only as part of X-IQ-AM1-240-4C.

To learn more about Enphase offerings, visit $\mbox{\bf enphase.com}$

