

IQ Cable and Accessories

The Enphase IQ Cabling and accessories are part of the Enphase IQ System. These products support fast, simple, and reliable installations. The IQ Cabling is a UV-resistant, 12 AWG cable gauge, continuous length cable with pre-installed connectors for IQ Series Microinverters.



IQ7+ and IQ7A Microinverters

The high-powered smart grid-ready IQ7+ and IQ7A Microinverters dramatically simplify the installation process while achieving the highest system performance.



IQ Gateway

Part of the Enphase Energy System, IQ7 Microinverters integrate with the IQ Gateway, and the Enphase App monitoring and analysis software.

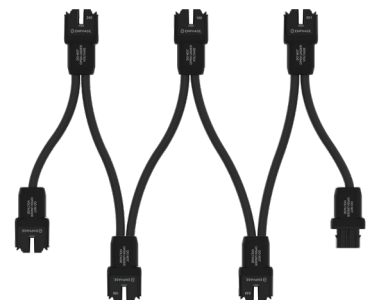
Enphase IQ Cable

- Lightweight and compact with plug-n-play connectors
- 2-core cable single-phase options available
- Fast installation with simple two-wire cabling (single phase)
- Cable numbering and plug & play connectors for quick installation and simplify cable management



IQ Relay three-phase

A grid-monitoring and disconnection device with a built-in phase coupler to distribute power line communications (PLC) signals across phases.



IQ Cabling and accessories specifications

CONDUCTOR SPECIFICATIONS					
Certification	UL3003 (raw cable), UL 9703 (cable assemblies), DG cable				
Flame test rating	FT4				
Compliance	RoHS, OIL RES I, CE, UV Resistant, combined UL for Canada and United States				
Conductor type	THHN/THWN-2 dry/wet				
Disconnecting means	The AC and DC bulkhead connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690				
IQ CABLE TYPES/ORDERING OPTIONS	MAX. NOMINAL VOLTAGE	AMPACITY RATING	CONNECTOR SPACING	PV MODULE ORIENTATION	CONNECTOR COUNT PER BOX
Q-12-10-240 (single-phase)	277 VAC	20 A	1.3 m	Portrait	240
Q-12-20-200 (single-phase)	277 VAC	20 A	2.3 m	Landscape (72-cell)	200
ENPHASE IQ CABLE ACCESSORIES	MODEL NUMBER	DESCRIPTION			
Raw IQ Cable (single-phase)	Q-12-RAW-300	300 meters cable with no connectors			
Field-wireable connector (male)	Q-CONN-10M	Make connections using single-phase cable			
Field-wireable connector (female)	Q-CONN-10F	Make connections using single-phase cable			
Disconnect tool	Q-DISC-10	Disconnect tool for IQ Cable connectors, DC connectors, and AC module mount			
IQ Cable sealing caps (female)	Q-SEAL-10	One needed to cover each unused connector on the cabling			
Terminator	Q-TERM-10	Terminator cap for unused single-phase cable ends			
Replacement DC Adaptor (MC4)	Q-DCC-2-INT	DC adaptor to MC4 (max voltage 100 VDC)			

Enphase IQ Cabling Accessories



Q-TERM-10
Single-phase IQ Cable Terminator

Terminator cap for unused single-phase IQ Cable ends. Suitable for conductor cross sectional area of 2 x 12 AWG.

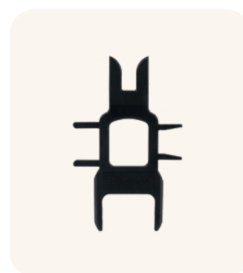
Temperature Rating: -40°C to 85°C
L x W x H: 53 mm x 30 mm x 28 mm



Q-SEAL-10
IQ Cable Sealing Caps (female)

One needed to cover any unused connector on the IQ Cabling.

Temperature Rating: -40°C to 85°C
L x W x H: 24 mm x 38 mm x 19 mm



Q-DISC-10
Disconnect tool

Disconnect tool for IQ Cable connectors, DC connectors, and AC module mount.

L x W x H: 83 mm x 55 mm x 6 mm



Q-CONN-10F
Field-wireable connector (female)

Make connections using single-phase cable

Voltage, Current rating: 250 VAC, 20A
L x W x H: 95 mm x 28 mm x 39 mm

Assembled in China.

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Importer: Enphase Solar Energy Pvt. Ltd., IndiQube Golf View Homes, Ward No.73 Airport, NAL Wind Tunnel Main Road, Murugeshpalaya, Bangalore-560 017, PH: +91-80-6117-2500

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