

Enphase Q Aggregator and Q Cable Accessories

The **Enphase Q Aggregator™** and **Enphase Q Cable™** are part of the sixth generation Enphase IQ System™. These accessories provide simplicity, reliability, and faster installation times.



Enphase Q Aggregator

- Reduces electrical labor and eliminates wire nuts for safer, faster installations
- Aggregates up to three fully populated 20A branch circuits
- Supports solar arrays of up to 11.5 kW with a single rooftop aggregator



Enphase Q Cable

- Two-wire, double-insulated Enphase Q Cable is 50% lighter than the previous generation Enphase cable
- New cable numbering and plug and play connectors speed up installation and simplify wire management
- Link connectors eliminate cable waste



Field-Wireable Connectors

- Easily connect Q cables on the roof without complex wiring
- Make connections from any open connector and center feed any section of cable within branch limits
- Available in male and female connector types

Enphase Q Cable Accessories

Q AGGREGATOR SPECIFICATIONS

Model number	Q-BA-3-1P-60
Dimensions	190 mm (W) x 227 mm (D) x 80 mm (H) (7.5 in (W) x 9 in (D) x 3.2 in (H))
Enclosure rating	NEMA3 (up to 45° from horizontal)
Temperature range	-40° C to +55° C (-40° F to +122° F)
Compliance	UL1703, EN62109, UL6703A

Q CABLE SPECIFICATIONS





Voltage rating	600V (connector rating 250 V)
Cable temperature rating	90° C (194° F)
Certification	UL3003, DG cable
Flame test rating	FT4
Compliance	RoHS, OIL RES I, CE, UV resistant, combined UL for Canada and United States
Conductor rating	THHN/THWN-2 dry/wet
Disconnecting means	The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.

Q CABLE TYPES / ORDERING OPTIONS

Model Number	Max Nominal Voltage	Connector Spacing	PV Module Orientation	Connector Count per Box
Q-12-10-240	250 VAC	1.3 m (4.2 ft)	Portrait	240
Q-12-17-240	250 VAC	2.0 m (6.5 ft)	Landscape (60-cell)	240
Q-12-20-200	250 VAC	2.3 m (7.5 ft)	Landscape (72-cell)	200

ENPHASE Q CABLE ACCESSORIES

Name	Model Number	Description
Enphase Q Aggregator	Q-BA-3-1P-60 (single-phase) Q-BA-3-3P-35 (three-phase)	Combines up to three microinverter branches into one home run.
Field-wireable connector (male)	Q-CONN-10M	Make connections from any Q Aggregator open connector
Field-wireable connector (female)	Q-CONN-10F	Make connections from any Q Cable open connector
Cable Clip	Q-CLIP-100	Used to fasten cabling to the racking or to secure looped cabling
Disconnect tool	Q-DISC-10	Disconnect tool for Q Cable connectors, DC connectors, and AC module mount
Q Aggregator sealing caps (male)	Q-BA-CAP-10	Sealing cap for unused aggregator connections
Q 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 cable ends
Replacement DC Adaptor (MC4)	Q-DCC-2	DC adaptor to MC4 (max voltage 100 VDC)
Replacement DC Adaptor (UTX)	Q-DCC-5	DC adaptor to UTX (max voltage 100 VDC)

	<p>TERMINATOR</p> <p>Terminator cap for unused cable ends, sold in packs of ten (Q-TERM-10)</p>	 <p>SEALING CAPS</p> <p>Sealing caps for unused aggregator and cable connections (Q-BA-CAP-10 and Q-SEAL-10)</p>
	<p>DISCONNECT TOOL</p> <p>Plan to use at least one per installation, sold in packs of ten (Q-DISC-10)</p>	 <p>CABLE CLIP</p> <p>Used to fasten cabling to the racking or to secure looped cabling, sold in packs of ten (Q-CLIP-100)</p>

To learn more about Enphase offerings, visit enphase.com