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 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 SPECIFICATIO	ONS				
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	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	FT4			
Compliance	RoHS, OIL RES I, CE, UV resis	RoHS, OIL RES I, CE, UV resistant, combined UL for Canada and United States			
Cable insulator rating	THHN/THWN-2 dry/wet	THHN/THWN-2 dry/wet			
Q CABLE TYPES / ORDERING O	PTIONS				
Model Number	Voltage	Connector Spacing	PV Module Orientation	Connector Count per Box	
Q-12-10-240	240 (max rating 250 VAC)	1.3 m (4.2 ft)	Portrait	240	
Q-12-17-240	240 (max rating 250 VAC)	2.0 m (6.5 ft)	Landscape (60-cell)	240	
Q-12-20-200	240 (max rating 250 VAC)	2.3 m (7.5 ft)	Landscape (72-cell)	200	
ENPHASE Q CABLE ACCESSOR	IES				
Name	Model Number	Description			
Enphase Q Aggregator	Q-BA-3-1P-60	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 (m	ax voltage 100 VDC)		
	TERMINATOR		SEALIN	GCAPS	
	Terminator cap for unused cable		The second se	caps for unused	
	ends, sold in packs of ten		aggrega	tor and cable connections	
	Q-TERM-10		(Q-BA-C	AP-10 and Q-SEAL-10)	
\	DISCONNECT TOOL		CABLE	CLIP	
	Plan to use at least one per		Used to f	asten cabling to the racking	
	installation, sold in packs of ten (Q-DISC-10)	III.	or to sec	ure looped cabling, sold in ten (Q-CLIP-100)	

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