

# Cables and accessories

## IQ PowerPack 1500



### AC Grid Charging Cable

Included with IQ PowerPack 1500



The AC Grid Charging Cable is designed to charge the IQ PowerPack 1500 from any AC source. This cable is used to connect to 120 V outlets in your home or vehicle or to other accessible AC sources.

If your 120 VAC source does not provide 15 A output, refer to the IQ PowerPack 1500 user manual to correctly adjust the device and ensure compatibility.

#### Important notes

- Only use cables provided by Enphase to charge IQ PowerPack 1500.
- Avoid touching the metal pins of the cable plug with bare hands.
- If you lose or misplace this cable, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-ACC-US-SPR	AC Grid Charging Cable: To charge the IQ PowerPack 1500 from AC outlets
PHYSICAL CHARACTERISTICS	
Length	6.5 ft (2.0 m)
Weight	0.7 lb (317.5 g)
Color	Black
ELECTRICAL	
Voltage rating	300 VAC
Current rating	15 A
Input connector type	NEMA 5-15P
Output connector type	NEMA C13-5-15R
Cable thickness	14 AWG
MECHANICAL/ENVIRONMENT	
Insulation	PVC <sup>2</sup> , Type SJTO <sup>3</sup>
Maximum number of mating cycles	2,000
Maximum temperature rating	221°F (105°C)
COMPLIANCE AND RELIABILITY	
Compliance	Cable: UL 62; Connectors: UL 817
WARRANTY	
Limited warranty	1 year

1. NEMA: National Electrical Manufacturers Association

2. PVC: Polyvinyl Chloride

3. SJTO: Stranded Junior Thermoplastic Oil-resistant insulation type

## DC 12 V Charging Cable

Included with IQ PowerPack 1500



The DC 12 V Charging Cable is designed to charge the IQ PowerPack 1500 from DC 12 V sources such as the 12 V outlet (also known as 'Aux out' or a 'cigarette lighter outlet') in a vehicle.

If your 12 VDC source does not provide 10 A output, refer to the IQ PowerPack 1500 user manual to ensure compatibility and correctly adjust device settings.

### Important notes

- Only use cables provided by Enphase to charge the IQ PowerPack 1500.
- Avoid touching the metal pins of the cable plug with bare hands.
- Ensure the DC source does not exceed the product specifications.
- When the LED on the cylindrical plug glows red, the cable is functioning properly. If it does not glow, either the source is not producing energy or the cable's fuse is blown and needs replacement.
- If you lose or misplace this cable, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-DCC-12V-SPR	DC 12 V Charging Cable: Auxiliary cable to charge the IQ PowerPack 1500 from a DC 12 V source
PHYSICAL CHARACTERISTICS	
Length	6.5 ft (2.0 m)
Weight	0.2 lb (90.7 g)
Color	Black
ELECTRICAL	
Voltage rating	300 VDC
Current rating	10 A
Input connector type	Cigarette lighter plug
Output connector type	DC 7.5 mm plug
Cable thickness	16 AWG
MECHANICAL/ENVIRONMENT	
Insulation	FT1, Type SJTO
Maximum number of mating cycles	2,000
Maximum temperature rating	221°F (105°C)
COMPLIANCE AND RELIABILITY	
Compliance	UL FT1
WARRANTY	
Limited warranty	1 year

## Solar Charging Cable

Included with IQ Portable Panel



The Solar Charging Cable is designed to charge the IQ PowerPack 1500 from the IQ Portable Panel.

At one end, it connects with the MC4 connectors on the solar panel. At the other end, it plugs into the DC Solar input port on the back of the IQ PowerPack 1500.

### Important notes

- Only use cables provided by Enphase to charge the IQ PowerPack 1500.
- Avoid touching the metal pins of the cable plug with bare hands.
- When charging is complete, Solar Cable Disconnect Tool should be used to unplug the MC4 connectors.
- If you lose or misplace this cable, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-MC4XT-11-SPR	Solar Charging Cable: To charge the IQ PowerPack 1500 from the IQ Portable Panel
PHYSICAL CHARACTERISTICS	
Length	6.5 ft (2.0 m)
Weight	0.75 lb (340.2 g)
Color	Black
ELECTRICAL	
Voltage rating	300 VDC
Current rating	10 A
Input connector type	MC4 male and female
Output connector type	XT60
Cable thickness	12 AWG and 16 AWG
MECHANICAL/ENVIRONMENT	
Insulation	PVC, Type SJTO
Maximum number of mating cycles	1,000
Maximum temperature rating	194°F (90°C)
COMPLIANCE AND RELIABILITY	
Compliance	Cable: UL 4703; MC4 connector: UL 6703; XT60 connector: UL 1977
WARRANTY	
Limited warranty	1 year

## Solar Extension Cables

Optional accessories for IQ Portable Panel



The standard Solar Charging Cable for the IQ PowerPack 1500 is 6.5 ft (2.0 m) in length. The Solar Extension Cables offer more flexibility by providing extension lengths of 16.4 ft (5.0 m) and 32.8 ft (10.0 m) to significantly extend the distance between the panel and the IQ PowerPack 1500.

The Solar Extension Cables are connected and disconnected in the same way as the Solar Charging Cable.

### Important notes

- Only use cables provided by Enphase to charge the IQ PowerPack 1500.
- Avoid touching the metal pins of the cable plug with bare hands.
- When charging is complete, the Solar Cable Disconnect Tool should be used to unplug the MC4 connectors.
- If you lose or misplace these cables, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-MC4-05-SPR, PES-MC4-10-SPR	Solar Extension Cable – 16.4 ft (5.0 m), Solar Extension Cable – 32.8 ft (10.0 m): Extension cables to charge the IQ PowerPack 1500 from the IQ Portable Panel
PHYSICAL CHARACTERISTICS	
Length	16.4 ft (5.0 m); 32.8 ft (10.0 m)
Weight	2.6 lb (1.2 kg); 5.2 lb (2.4 kg)
Color	Black and red
ELECTRICAL	
Voltage rating	1,500 VDC
Current rating	50 A
Input connector type	MC4 male and female
Output connector type	MC4 male and female
Cable thickness	10 AWG

MECHANICAL/ENVIRONMENT	
Insulation	XPLE <sup>5</sup>
Maximum number of mating cycles	1,000
Maximum temperature rating	221°F (105°C)
COMPLIANCE AND RELIABILITY	
Compliance	Cable: UL 4703; MC4 connector: UL 6703
WARRANTY	
Limited warranty	1 year

5. XPLE: Cross-linked Polyethylene

## Cable Case

Included with the IQ PowerPack 1500



The Cable Case is designed to store the cables that come with the IQ PowerPack 1500. The case comes with a zipper to hold the cables when not in use. It can be inserted into the rear pouch of the IQ Cart.

### Important notes

- For use with the cables provided with the IQ PowerPack 1500.
- If you lose or misplace the case, replacement is available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-CASE-BL-SPR	Cable Case: To store the cables provided with the IQ PowerPack 1500
PHYSICAL CHARACTERISTICS	
Quantity	1
Color	Black

## Solar Cable Disconnect Tool

Included with IQ Portable Panel



This handy tool is designed to help disconnect the MC4 connectors on the IQ Portable Panel from the MC4 connectors on the Solar Charging Cable or Solar Extension Cables.

### Important notes

- Only use with the Solar Charging Cable and Solar Extension Cables provided by Enphase.
- If you lose or misplace the tool, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PES-DISC-MC4-SPR	Solar Cable Disconnect Tool: To disconnect the MC4 connectors on IQ Portable Panel
PHYSICAL CHARACTERISTICS	
Quantity	1
Color	Black

# Stakes

Included with IQ Portable Panel



These sturdy Stakes affix the IQ Portable Panel to the ground for a more secure setup in windy conditions. Six Stakes are included with the panel—two for each support leg. They are intended for use on softer surfaces such as sand, grass, or soil.

### Important notes

- Only use with the IQ Portable Panel provided by Enphase.
- If you lose or misplace the tool, replacements are available for purchase from the [Enphase Store](#).

MODEL NO.	
PSP-STK-BL-SPR	Stakes: To hold the IQ Portable Panels firmly onto a surface
PHYSICAL CHARACTERISTICS	
Quantity	1 set of 6 pieces
Color	Black

# Revision history

REVISION	DATE	DESCRIPTION
DSH-00638-1.0	November 2024	Initial release.