

# Enphase IQ 10 -- Model Number: ENCHARGE-10-1P-NA



**Brand:** Enphase IQ10

**Product Code:** IQ10

**Availability:** 2 - 3 Days

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

**Price: \$24,870.00**

**Ex Tax: \$24,870.00**

## Description

Enphase IQ Battery 10 The Enphase IQ Battery 10 all-in-one AC-coupled storage system is reliable, smart, simple, and safe. It is comprised of three base IQ Battery 3 units, has a total usable energy capacity of 10.08 kWh and twelve embedded Grid-forming Microinverters with 3.84 kW power rating.



Enphase Energy released its residential line of IQ solar batteries in **2019**. These batteries **use a very safe Lithium Iron Phosphate chemistry** and the **IQ10** model features a **Total Capacity of 10.5kW** and a **Usable Capacity 10.08kW**.

The IQ10 can **operate continuously at 3.84kW**, with short bursts of **peak power at 5.7kW**.

The IQ10 has a roundtrip **efficiency rating of 86%** with **3% degradation**.

Enphase Energy backs the IQ10 with a **10 year or 4000 through cycle warranty**, whichever comes first. Enphase also guarantees no more than **3% degradation rate** with at least **70% of capacity at end or warranty term**.

The Enphase IQ10 Battery Dimensions are 664.0 mm L, 1070.0 mm W, 319.0 mm D.

These Enphase batteries are scalable, meaning additional batteries can be added to meet the most demanding power needs. These batteries can be used in both off grid or grid back up capacities.

## **System Compatibility**

The Enphase AC Battery line is only compatible with Enphase solar inverters, including the Enphase IQ8.

## **Solar Battery Metrics**

Manufacturer Enphase  
Model

Enphase  
IQ10

Capacity	10.5KW
Chemistry	Lithium Iron Phosphate or LFP
Depth of Discharge	98%
Round Trip Efficiency	89%
Monitoring	Enphase App
Cooling	Passive Cooling
Dimensions	1070 x 664 x 319 mm
Weight	341 lbs
Warranty	10 years or 4000 full discharge cycles

## Notes

### Notes:

- PRO-Compatible with existing PV systems
- PRO-Compatible with both gas-powered or solar generator
- PRO-No single point of failure-multiple microinverters with in battery
- PRO-Two convenient battery sizes for easy customization
- PRO-Five-year warranty extension as optional upgrade
- PRO-Seamlessly integrates with Enphase inverters
- CON-Lower cycle clause compared to other batteries review

## Specification

Solar Inverter Configuration	
Compatibility	Compatible with grid-tied PV systems. Compatible with M215/M250 and IQ Series Microinverters, IQ System Controller, and IQ Gateway for backup operation.
Solar Batteries Configuration	
Cooling	Passive Cooling
Dimensions LxWxH	1070 x 664 x 319 mm
Manufacturer	Enphase
Warranty	10 years or 4000 full discharge cycles
Weight	341 lbs