Q CELLS

Integrated solar inverter and storage

15 YR

Q.HOME CORE

A total energy solution with 15 years warranty
from quality Q CELLS

NEVER COMPROMISE BETWEEN PERFORMANCE AND DESIGN

Modular&Scalable Battery

Q.SAVE

Each 6.86 kWh battery
up to 3 units scalable

SAMSUNG

SAMSUNG SDI
Battery Cell

Sleek&Durable

Metallic Silver
Cover

High-performance Inverter

Q.VOLT

4.6 kW
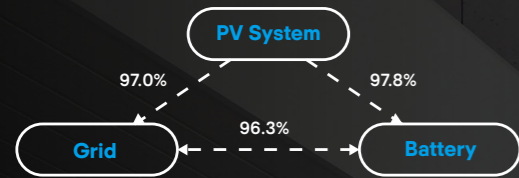Hybrid or AC-Coupled

Enhanced Warranty

15 years
Warranty

For Web Enable

Network
Connectivity

Wi-Fi / LAN

Q.HOME CORE

High Conversion Efficiency

PV System

97.0%   97.8%

96.3%

Grid   Battery

Maximum Energy Generation

Q.OMMAND maximizes energy yields by incorporating real-time weather information.

Samsung Battery for Safety

SAMSUNG Li-ion battery cells ensure maximum safety.

Assembled in South Korea

Assembled in Korea for enhanced quality.

Extended 15 years Warranty

Enhanced product and performance warranty backed with high quality control.

Scalable Battery

Three scalable batteries up to 20.5kWh depending on your energy needs.

Emergency Backup from Blackout

Automatic transfer to battery power in blackout conditions. (**ATS** * Embedded)

Easy and Fast Installation

Wall-mounted or floor-mounting(optional) brackets available for convenience and easy installation.

* ATS (Automatic Transfer Switch)
A device that automatically transfers a power supply from energy grid to energy storage solutions in case of grid failure.

Q CELLS TOTAL SOLUTION

ABOUT Q CELLS

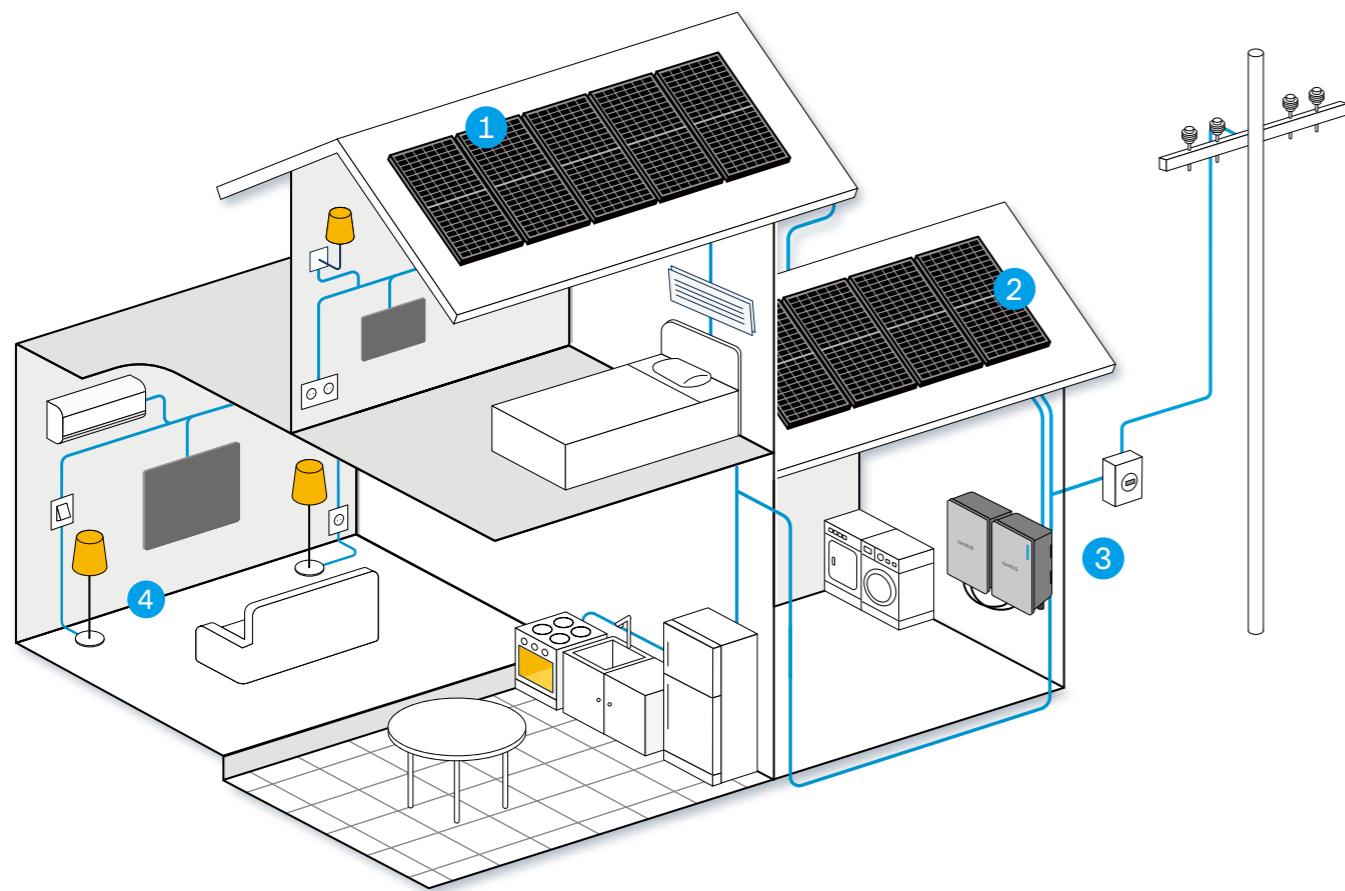**Global leading solar company** founded in 1999 in Germany.

Winning 'Top Brand PV' from EUPD for 8 consecutive years in Europe.

Complete green energy solutions provider from solar module, ESS, commercial/solar farm projects, and energy retail business.

An affiliate of Hanwha Group, a Fortune Global 500 company and the 7th largest conglomerate in South Korea with total assets over US$ 197 billion.

1 **Solar Module**

Equipped with state-of-the-art technology, Q CELLS provides highest quality solar modules for lower electricity costs.

2 **Mounting System**

Q CELLS provides Q.MOUNT sub-constructions for quick and easy installation on all common types of sloped roofs.

3 **Energy Storage Solutions**

Q CELLS provides high efficiency inverter and scalable battery optimised for its solar module.
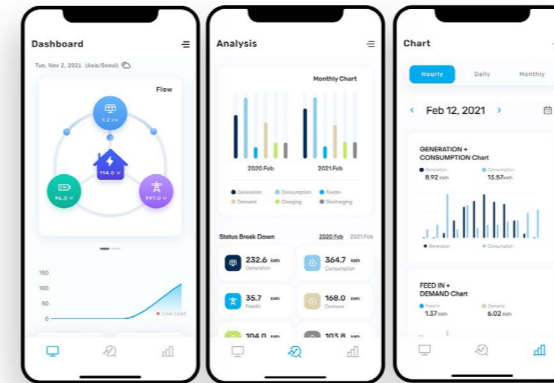
4 **Home Energy Management System**

Q.OMMAND app allows energy monitoring and management easier than ever.

MOBILE APPS

Q.OMMAND HOME
FOR HOMEOWNERS

For monitoring and managing energy generation, storage, and usage anytime, anywhere.

Real-Time Energy Flow

Real-time updated every three seconds.

Regular Report

Monthly, daily, and hourly reporting available.

Smart Functions

Q.OMMAND Home provides three smart functions as below.

Notifications

Provide energy overview, battery performance, usage data, and customised alerts and more.

Dynamic Optimiser
Maximised Energy Yield

Q CELLS advanced AI algorithm incorporates weather information with real-time data from your solar modules and energy storage system to maximize energy usage and generation.
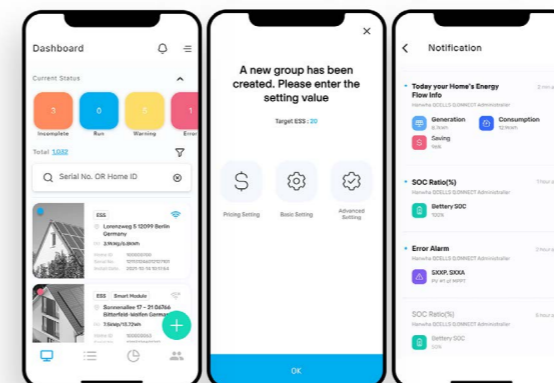
Energy Backup
Blackout Precaution

In case of blackout, you can set the amount of energy your Q.HOME CORE will always store.

OTA (Over-The-Air)
Software Updates

Cloud-based software updates continuously adds new monitoring and management features.

Q.OMMAND PRO
FOR INSTALLERS

For fast and easy O&M services.

Dashboard

Installers can check the status of multiple sites at a glance and able to find a particular site through search.

Tracking History

Installers can track the history of each site including service history, error messages, replacements and others.

Notifications

Immediately notifies when service or maintenance is required.

Grouping System

Installers can group the sites by region to easily modify grid code, energy policy, and more.

Q.OMMAND GO
FOR COMMISSIONING

For easy installation of Q.HOME CORE.

1 **Network Connection**

Simple connection to the network within the house.

2 **One-click Update**

One-click update to the latest version.

3 **Date Setting**

Save the date and time of the installation.

4 **Device Setting**

Initial settings of solar modules, batteries, and meters, including grid code, country and time zone.