



Your optimal system will include:

## first4solar Datasheet

The solar system is comprised of top quality, Tier 1, LONGi solar panels, Solis online connected inverter and Renusol mounting system.

### Longi 305Wp All Black Monocrystalline Module

Longi is the world's largest producer of mono silicon wafers, supplying cells to much of the solar industry - they have a near 50% market share for mono cells.

Longi invest heavily in R&D and their panel production arm specializes in monocrystalline, manufacturing exclusively high output PERC and bifacial modules for supply to both utility scale projects and distribution.

By treating their PERC cells to reduce Light Induced Degradation, Longi panels offer a better lifetime yield than standard mono panels.

#### Specifications:



- ✓ Great-looking full black PERC panels from Longi Solar, one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing.
- ✓ High quality Low LID PERC cells are treated to reduce Light Induced Degradation (LID) for a better lifetime performance than standard Mono PERC.
- ✓ Dimensions: 1650 x 991 x 35mm
- ✓ Weight: 18.5kg
- ✓ Product warranty: 10 years
- ✓ Performance warranty: 25 years (linear)
- ✓ Module efficiency: 19.3%



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## Package Pricing

Package price includes: Solar Panels, Inverter(s), Survey, Installation, MCS Commissioning, 10-year warranty and monitoring.

Panel amount	Price inc VAT
4	£2,376.00
5	£2,632.00
6	£2,916.00
7	£3,159.00
8	£3,467.00
9	£3,667.00
10	£3,985.00
11	£4,183.00
12	£4,410.00
13	£4,606.00
14	£4,826.00
15	£5,120.00
16	£5,315.00
17	£5,503.00
18	£5,704.00
19	£5,885.00
20	£6,220.00
21	£6,542.00
22	£6,814.00
23	£7,023.00
24	£7,222.00
25	£7,497.00
26	£7,731.00
27	£7,936.00
28	£8,108.00
29	£8,289.00
30	£8,470.00
31	£8,705.00
32	£8,881.00
33	£9,102.00
34	£9,280.00
35	£9,441.00
36	£9,601.00
37	£9,761.00
38	£9,920.00
39	£10,094.00
40	£10,365.00
41	£10,635.00
42	£10,809.00
43	£10,983.00
44	£11,157.00
45	£11,331.00
46	£11,505.00
47	£11,751.00
48	£11,925.00
49	£12,099.00
50	£12,273.00

Please note these prices are for residential customers therefore include 5% VAT. Commercial installs are charged at 20% VAT



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## Battery Storage

### SolaX Triple Power Battery Storage System

The SolaX vision is to be a world leader in the development, production and distribution of solar inverters. The product range incorporates the very latest in solar innovation thanks to the continued focus on R&D and unceasing commitment to pushing back the boundaries of what is possible.

SolaX products are designed, tested and manufactured to the highest global standards. Their R&D team is 200 strong and they employ more than 700 people worldwide.

SolaX High Voltage batteries offer a wide range of storage sizes and options. With a five year performance warranty and 90% depth of discharge (DOD), the Triple Power range is hard to beat.



#### Specifications:

- ✓ 90% Depth Of Discharge
- ✓ Cycle Life > 6000 times
- ✓ IP55 Rated
- ✓ Floor or wall mounting

The table shows the standard configurations for battery storage systems.

Battery Storage Size	Battery type
4.1kWh	SolaX X1-AC Triple Power 4.1kWh
5.7kWh	SolaX X1-AC Triple Power 5.7kWh
8.1kWh	SolaX X1-AC Triple Power 8.1kWh
4.1kWh	SolaX Hybrid 3.0T Triple Power 4.1kWh
5.7kWh	SolaX Hybrid 3.0T Triple Power 5.7kWh
8.1kWh	SolaX Hybrid 3.0T Triple Power 8.1kWh



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## Power Diverter

### Marlec Solar iBoost Plus Immersion Controller

The two parts of the Solar iBoost+ system talk to each other wirelessly. There is a Sender that measures how much is being exported which transmits information to the actual Solar iBoost+ itself and this responds by releasing the free energy available to heat up water in your customers tank.

#### Specifications:



- ✓ Simple to install wireless energy sensor
- ✓ The Solar iBoost+ unit receives information wirelessly from the sender unit and controls the power to the immersion heater.
- ✓ Simply clamp the sensor around the household's outgoing supply cable at the electricity meter.
- ✓ Optional iBoost Buddy also now available.

## Optimized Panels

### JinKO 305Wp All Black Monocrystalline Module

JinkoSolar Cheetah series modules are produced in the company's next-gen ultra-smart P5 super factory and represents the most cutting-edge technology in solar module manufacturing. Utilizing an all new wafer and cell design, the Cheetah series has erected a new benchmark for ultra-high performing modules with its industry leading performance in metrics such as, but not limited to, output, limited degradation, shade tolerance, and durability.



#### Specifications:

- ✓ Built-in Cell Optimizer.
- ✓ Shade Tolerance.
- ✓ Low-Light Performance.



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