



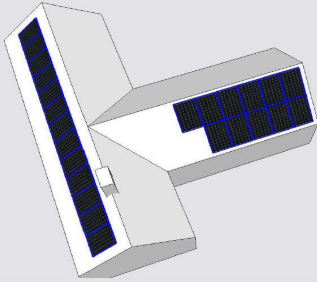
Solar PV Quotation

Project **Abri 45 Caversham Road, Reading RG1 7BT**

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Case Studies



Ken & Sue, Rickmansworth

Panels: 24 x Jinko 235W all black
Inverter: Fox ESS Hybrid 10k
Battery: Fox ESS Energy Cube 12.3kWh
Extras: Solar iboost with iboost buddy

Ken & Sue's country home is now producing more electricity than it uses and thanks to a good sized battery pack they can use that power day and night. The incredible new Hybrid Inverter from Fox ESS manages both the panels and the battery power for greater efficiency. Hot water is provided by the solar iBoost system too!



Marlow CofE Infant School

Panels: 74 x JA Solar 385W
Inverter Model: SolaX 3ph 30k
System Size: 28.5kW
Extras: Monitoring platform with self consumption data

Marlow CofE were really enthusiastic to have solar but were not getting much help due to their roof covering. Following a thorough site survey by Solarbility a solution was proposed and approved by the roofing manufacturer. The school now benefits from huge energy savings which can be seen on their personalised display monitor.



Abri Homes

New build housing sites
Multiple plots from 30 to 100+
Systems sized to match SAP requirements

Solarbility is the go-to PV installer for Abri homes. We offer detailed 3D drawings at the design stage and on-going support. Developers demand reliable trades to keep their progress moving on site and Solarbility makes this a priority as well as excellent well thought out designs.

'A knowledgeable, reliable and agile supplier who we are always keen to work with as they help us solve problems and overcome challenges' Sam Reynolds Proma

'We have used Gary Whapples and his team for PV design and installation on several of our sites over the past couple of years, and we have found them to be very helpful, friendly, knowledgeable and competitively priced. They work well and cooperatively with other trades whilst on site to produce a great product. 5 rating from us' Luke Johnson Shorewood Homes*

'I've been working with Gary for over 6 years now and recommend them to my client with a requirement for PV. My customers have thanked me for the recommendation and I am happy to continue to do so' Simon Henderson Optimum Construction

System components

PV panels	DMEGC 440W all black
Number of panels	69
Inverter system	3ph PV Inverter 30k
Inverter quantity	1
Mounting system (primary)	Flat - Ballast Frames

Performance estimates

Total nominal power	30.36 kWp
Annual generation forecast	25,542kWh
CO2 offset (tonnes)	12.37

Array	Flat roof
No. of panels	69
Degrees from north	170
Pitch	10
Total output	30.36 kWp
Mounting	Flat - Ballast Frames
Shading	0.94



DMEGC
S O L A R

MCS certified PV modules
1150 x 1770 x 35mm each

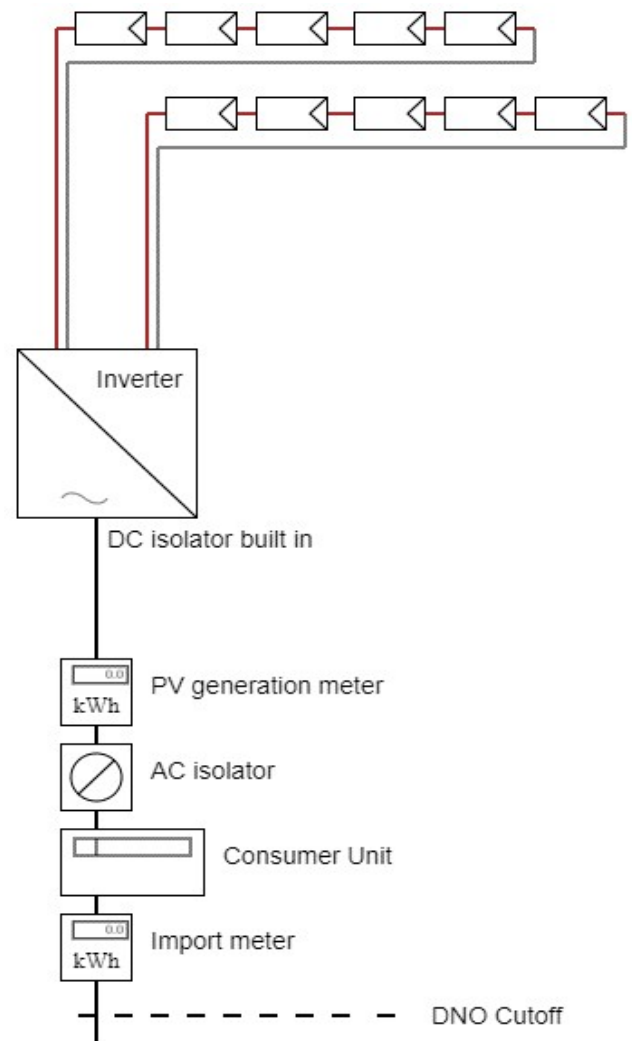


SOLAX
POWER

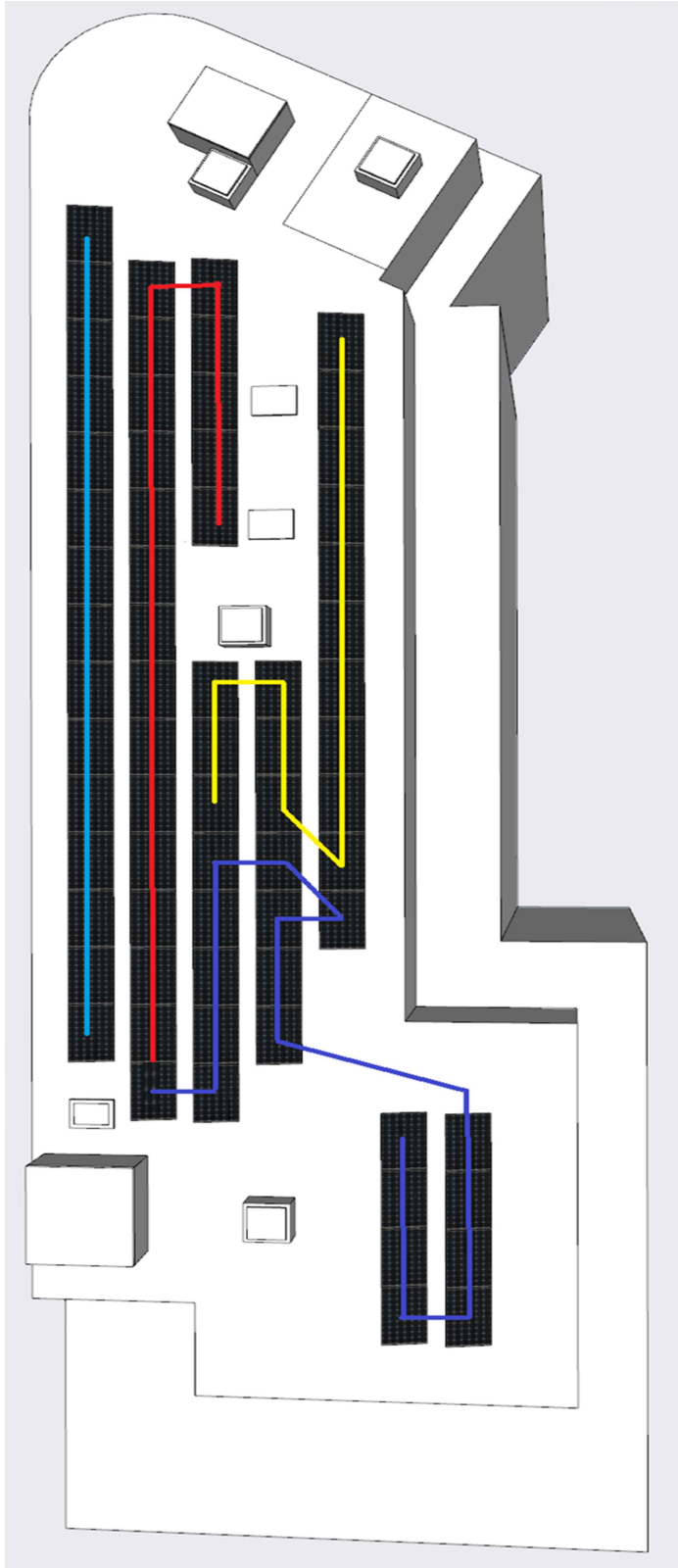
3ph PV Inverter 30k
500 x 430 x 200mm



3 phase
Generation meter



Model layout



Project delivery