

COMMERCIAL CASE STUDY

Dunelm, Darlington



EMPOWER
ENERGY

TOMORROW'S GENERATION TODAY

Dunelm, Darlington

Empower Energy was commissioned to design and install a 29.16 KWp solar PV system on the rooftop of Dunelms new home store in Darlington. The solar system was installed in three days without disruption.

The system consisted of 108 x REC 270Wp solar panels, 54 x P600 optimisers and a SolarEdge SE27.6KW inverter system. SolarEdge inverters are specifically designed to work with a SolarEdge power optimiser. SolarEdge are able to increase energy production and are equipped with automatic shutdown for maximum safety.

The solar installation will help the business to save at least £4,380 a year in income and electricity savings. It will also reduce 15,637 kg of carbon footprint a year.



MOUNTING RAIL



SolarEdge Inverter



SOLAR PV DESIGN

KEY FACTS

INSTALLED
NOV 2017

SIZE
29.16 KWP

PANEL
REC

INVERTER
&
OPTIMISER
SOLAREGE

PROJECTED OUTPUT
26,061 KWh / year

CO2 REDUCTION
15,637 Kg / year

ANNUAL SAVINGS

£ 4,380



Enhance your
green credentials



Save you **£1000s**
every year



Protect against
rising fuel costs

In a market often associated with pushy sales people and poor customer care, our attention to detail and honest approach constantly reinforces our good reputation.

If you would like more information on how to become more energy efficient or would like to book a free, no-obligation survey to find out how much you could save then please get in touch.

✉ info@empowerenergy.co.uk

☎ 01202 821 000

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