



Suntricity™ is part of Photon Energy, a market leader in solar PV installations.



FIT for you... it's never been easier to install solar PV

Suntricity™ is a new solar photovoltaic (PV) package for electrical contractors and electrical wholesalers. It has been designed especially for homes and small businesses to make solar PV easy.

Created by Photon Energy, one of the UK's leading suppliers of microgeneration technologies, Suntricity™ is a comprehensive design and supply offering available directly from the company or via selected electrical wholesalers.



Suntricity™ packages have been designed for electrical contractors seeking easy to install solar PV systems for their customers.

Suntricity™ packages are ideal for home and business owners who are keen to use renewable electricity, save on their power costs and export electricity to the grid. This takes advantage of the feed-in and export tariffs that were introduced by the government in April 2010 as an incentive to encourage small scale renewable electricity generation. Solar PV technology is highly reliable as there are no moving parts, and little or no maintenance is required. A complete Suntricity™ installation from enquiry to completion and the production of electricity at your home or business could take as little as two weeks.



To find out more about how Photon Energy's Suntricity™ packs can benefit you, contact info@sun-tricity.co.uk or 01322 664627 or visit www.sun-tricity.co.uk

Suntricity™ packs

Suntricity™ packs are supplied in five standard sizes to suit most domestic and small business applications. Other sizes and configurations are available on request. All products are MCS certified.

Everything you need to complete the installation is supplied in a pack on a pallet, with an instruction manual, labels, electrical schematic, simple user guide and a comprehensive user manual on CD. Roof fittings are also provided including roof hooks, mounting rails and clamps.



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Suntricity™ 1

Number of modules:	8x 185 Wp mono-crystalline modules
Rated power:	1.48 kWp
Inverter:	G83/1 approved inverter
Cables:	25 metres of DC cable with connectors and isolators
Output:	1,235 kWh/year approx
(unshaded, facing due south)	
Output:	1,175 kWh/year approx
(facing south east or south west)	
Annual CO₂ saving:	Approximately 655 kg
Annual revenue: (tariff + saving)	Up to £610
Roof area covered:	11 m ²

Suntricity™ 2

Number of modules:	12x 185 Wp mono-crystalline modules
Rated power:	2.22 kWp
Inverter:	G83/1 approved inverter
Cables:	30 metres of DC cable with connectors and isolators
Output:	1,850 kWh/year approx
(unshaded, facing due south)	
Output:	1,760 kWh/year approx
(facing south east or south west)	
Annual CO₂ saving:	Approximately 980 kg
Annual revenue: (tariff + saving)	Up to £915
Roof area covered:	17 m ²

Suntricity™ 3

Number of modules:	16x 185 Wp mono-crystalline modules
Rated power:	2.96 kWp
Inverter:	G83/1 approved inverter
Cables:	40 metres of DC cable with connectors and isolators
Output:	2,470 kWh/year approx
(unshaded, facing due south)	
Output:	2,345 kWh/year approx
(facing south east or south west)	
Annual CO₂ saving:	Approximately 1,305 kg
Annual revenue: (tariff + saving)	Up to £1,220
Roof area covered:	22 m ²

Suntricity™ 4

Number of modules:	18x 185 Wp mono-crystalline modules
Rated power:	3.33 kWp
Inverter:	G83/1 approved inverter
Cables:	40 metres of DC cable with connectors and isolators
Output:	2,685 kWh/year approx
(unshaded, facing due south)	
Output:	2,550 kWh/year approx
(facing south east or south west)	
Annual CO₂ saving:	Approximately 1,420 kg
Annual revenue: (tariff + saving)	Up to £1,325
Roof area covered:	25 m ²

Suntricity™ 5

Number of modules:	20x 185 Wp mono-crystalline modules
Rated power:	3.70 kWp
Inverter:	G83/1 approved inverter
Cables:	40 metres of DC cable with connectors and isolators
Output:	3,085 kWh/year approx
(unshaded, facing due south)	
Output:	2,930 kWh/year approx
(facing south east or south west)	
Annual CO₂ saving:	Approximately 1,630 kg
Annual revenue: (tariff + saving)	Up to £1,580
Roof area covered:	27 m ²