

agri lar solutions Europe, Ltd.



Intelligent Solar Insect Killers

Fall/Winter 2011

www.agrisolarsolutions.co.uk

AgriSolar Solutions Europe, Ltd. is the exclusive European distributor of pesticide-free, solar powered insect elimination systems from Shenzhen Fuwaysun Technology Company Ltd., an operating company of AgriSolar Solutions, Inc.

AgriSolar Solutions is engaged in the development, production and sale of patented, pesticide-free, solar powered insect elimination systems for use on farms, orchards and vineyards. AgriSolar's goal is to dramatically enhance the quality of food products by providing alternatives to the use of chemicals in the food chain while at the same time significantly improving the economics of commercial agriculture. To date, 86,000 AgriSolar Solutions solar powered insect elimination systems have been installed on farms throughout Asia.



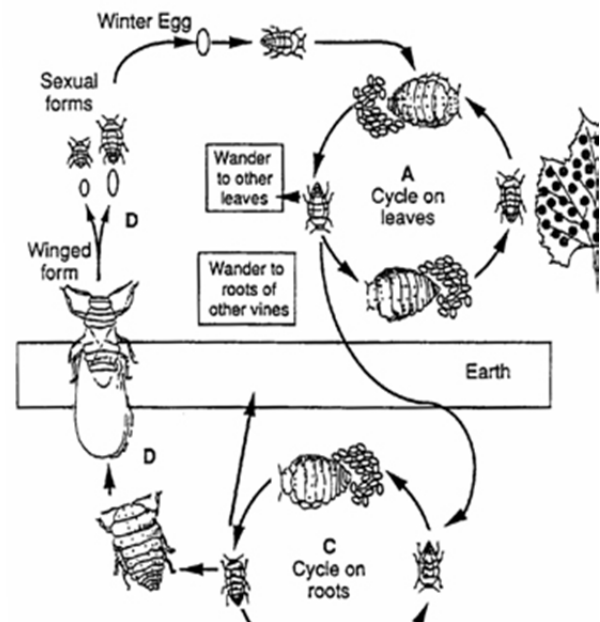
AgriSolar's solar powered insect elimination systems have been designed and developed for commercial agricultural use as an alternative to harmful insecticides. AgriSolar's advanced technology does not affect desirable bugs, but harmful insects which are active at night are attracted and killed.

The solar panel charges a battery during the day that powers our proprietary light bulb which automatically comes on via a light sensor and timer system at night. These unique light bulbs emit a special wave-length of light that attracts insects. When insects come within 4 - 8 inches of the light bulb an additional light frequency wave disorients the bug causing the insects to fall into a water container located below the light and drown.



The cost of our intelligent solar insect killers is substantially less than the multi-season cost of harmful agrochemicals. Depending on its size, and design, each unit is designed to cover an area of between 3,300 –26,600 square meters and to last 7-10 years.

The intelligent solar insect killer provides environmentally friendly year-round multi-season pest control. Most agricultural pests have a winged or flying stage at some point in their life cycle. For example, the small aphid-like Phylloxera is one of the most destructive grape pests worldwide with a complex life cycle that often involves a winged stage in the spring, summer or fall. By killing these pests in the flying stage - before they can lay their eggs - the Phylloxera's life cycle is broken.



Intelligent Solar Insect Killer (Single Lamp)



Model: FWS-DBL-1

UPI (GTIN/EAN-13): 6954327100025

Coverage Area: 2.0 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 12 Vdc

Lamp Power Consumption: 8 Watts

Lamp Wavelength: 320-680nm

Solar Panel Output Voltage: 15 Vdc $\pm$ 1 Volt

Solar Panel Output Current: 0.8 Amps (12 Watts)

Solar Panel Material and Size: Amorphous Silicon, 315mm $\times$ 920mm $\times$ 20mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 12 Vdc 14 Ah

Unit Weight: 17.2 kgs (N.W.); 21.7 Kgs (G.W.)

Shipping Size: 1135mm $\times$ 590mm $\times$ 230mm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £435 (excluding VAT)

Intelligent Solar Insect Killer (Two Lamps)



Model: FWS-DBL-2

UPI (GTIN/EAN-13): 6954327100032

Coverage Area: 2.33 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 12 Vdc

Lamp Power Consumption: 8 Watts (x 2)

Lamp Wavelength: 320-680nm

Solar Panels Output Voltage: 15 Vdc $\pm$ 1 Volt

Solar Panels Output Current: 1.60 Amps (24 Watts)

Solar Panels Material and Size: Amorphous Silicon, 315mm $\times$ 920mm $\times$ 20mm (x 2)

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 12 Vdc 24 Ah

Unit Weight: 26.5 kgs (N.W.); 31.5 Kgs (G.W.)

Shipping Size: 1250mm $\times$ 605mm $\times$ 245mm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £750 (excluding VAT)

Greenhouse / Portable High Voltage Solar Insect Killer



Model: FWS-SP-4

UPI (GTIN/EAN-13): 6954327100049

Coverage Area: 0.33 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 6 Vdc

Lamp Power Consumption: 5 Watts

Lamp Wavelength: 320-680nm

Grid Voltage: 2,500V-4,000 Vdc

Solar Panel Output Voltage: 9 Vdc ± 1 Volt

Solar Panel Output Current: 0.63 Amps (5 Watts)

Solar Panel Material and Size: Monocrystalline Silicon, 251.4mm $\times$ 5mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 6 Vdc 10 Ah

Unit Weight: 3.8 kgs (N.W.); 6.5 kgs (G.W.)

Shipping Size: 415mm $\times$ 415mm $\times$ 478mm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £185 (excluding VAT)

Portable High Voltage Solar Insect Killer



Model: FWS-SP-4DK

UPI (GTIN/EAN-13): 6954327100056 [unit]

6954327100315 [tripod stand mount]

Coverage Area: 0.33 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 6 Vdc

Lamp Power Consumption: 5 Watts

Lamp Wavelength: 320-680nm

Grid Voltage: 2,500V-4,000 Vdc

Solar Panel Output Voltage: 9 Vdc ± 1 Volt

Solar Panel Output Current: 0.63 Amps (5 Watts)

Solar Panel Material and Size: Monocrystalline Silicon, 251.4mm $\times$ 5mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 6 Vdc 10 Ah

Unit Weight: 13.5 kgs (N.W.); 18.5 kgs (G.W.)

Shipping Size: Unit 415mm $\times$ 415mm $\times$ 480mm; Stand 1255mm $\times$ 210mm $\times$ 240mm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £225 (excluding VAT)

Multifunction Portable Solar Insect Killer



Model: FWS-DBL-0

UPI (GTIN/EAN-13): 6954327100261

Coverage Area: 0.50 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 6 Vdc

Lamp Power Consumption: 5 Watts

Lamp Wavelength: 320-680nm

Solar Panel Output Voltage: 9 Vdc ± 1 Volt

Solar Panel Output Current: 0.89 Amps (8 Watts)

Solar Panel Material and Size: Amorphous Silicon, 315mm $\times$ 920mm $\times$ 20mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 6 Vdc 10 Ah

Unit Weight: Unit 4.1 kgs (N.W.); 5.5 kgs (G.W.)

Shipping Size: Unit 400mm $\times$ 400mm $\times$ 515mm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £185 (excluding VAT)

Multifunctional Solar Insect Killer



Model: FWS-DBL-0/D with mono-pole mounting kit (as shown above)

UPI (GTIN/EAN-13): 6954327100018 [unit]

6954327100322 [mono-pole kit]

Coverage Area: 1.0 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 12 Vdc

Lamp Power Consumption: 8 Watts

Lamp Wavelength: 320-680nm

Solar Panel Output Voltage: 18 Vdc ± 1 Volt

Solar Panel Output Current: 0.45 Amps (8 Watts)

Solar Panel Material and Size: Monocrystalline Silicon, 345mm $\times$ 345mm $\times$ 25mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 12 Vdc 10 Ah

Unit Weight: Unit 10.6 kgs (N.W.); 14.5 kgs (G.W.)

Shipping Size: Unit 400mm $\times$ 400mm $\times$ TBDmm

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £225 (excluding VAT)

Permanent Mount High Voltage Solar Insect Killer (Two Lamps)



Model: FWS-SP05-12/2

UPI (GTIN/EAN-13): 6954327100087

Coverage Area: 2.66 Hectares

Lamp Style: CFL

Lamp Base: E27

Lamp Voltage: 12 Vdc

Lamp Power Consumption: 8 Watts (x 2)

Lamp Wavelength: 320-680nm

Grid Voltage: 2,500V-4,000 Vdc

Solar Panel Output Voltage: 18 Vdc $\pm$ 1 Volt

Solar Panel Output Current: 2.78 Amps (50 Watts)

Solar Panel Material and Size: Monocrystalline Silicon, 680mm $\times$ 680mm $\times$ 30mm

Storage Battery Type: Sealed Lead-Acid

Storage Battery Size: 12 Vdc 45 Ah

Unit Weight (Net): 60.0 kgs

Unit Features: Wave Resonance Light Control, Rain Control, Timer, Under/Over Voltage Protection

Price: £830 (excluding VAT)

Electric Portable Mosquito Killer



Model Numbers:

FWS-1017 -US NEMA 115Vac 60 Hz - US NEMA 1-15 or 5-15 Plug

UPI (GTIN/EAN-13): 6954327100131

FWS-1017-UK BS1363 230Vac 50 Hz - UK BS1363 13A 3 pin Plug

UPI (GTIN/EAN-13): 6954327100117

FWS-1017 - CEE 7/7 240Vac 50 Hz - Euro CEE 7/7 16 A/240 V Plug

UPI (GTIN/EAN-13): 6954327100124

Lamp Style: Fluorescent Tube

Lamp Power Consumption (@12 Vdc): 2 Watts

Lamp Wavelength: 320-680nm

Unit Features: Wave Resonance Light Control, Under/Over Voltage Protection,
Quiet Operation 12 Vdc Fan.

Price: £25 (excluding VAT)

Replacement Parts

(prices ex-VAT)

Solar Panel: Monocrystalline Silicon, 18 Vdc/50 Watts for FWS-SP05-12/2		
	UPI (GTIN/EAN-13): 6954327100278	£425
Solar Panel: Monocrystalline Silicon, 345mm×345mm×25mm, 18 Vdc/8 W. for FWS-DBL-0/D		
	UPI (GTIN/EAN-13): 6954327100292	£80
Solar Panel: Amorphous Silicon, 315mm×920mm×20mm, 15 Vdc/12 Watts for FWS-DBL-1		
	UPI (GTIN/EAN-13): 6954327100209	£95
Solar Panels: Amorphous Silicon, matched-pair for FWS-DBL-2, 15 Vdc/24 Watts		
	UPI (GTIN/EAN-13): 6954327100216	£195
Solar Panel: Amorphous Silicon, 9 Vdc/8 Watts for FWS-DBL-0		
	UPI (GTIN/EAN-13): 6954327100186	£75
Solar Panel: Monocrystalline Silicon, 9 Vdc/5 Watts for FWS-SP-4 and 4DK		
	UPI (GTIN/EAN-13): 6954327100193	£48
CFL Lamp: 12 Vdc, 8 Watts, E27 base	UPI (GTIN/EAN-13): 6954327100155	£24
CFL Lamp: 6 Vdc, 5 Watts, E27 base	UPI (GTIN/EAN-13): 6954327100148	£24
Replacement Battery: 12 Vdc, 45 Ah		
	UPI (GTIN/EAN-13): 6954327100285	£190
Replacement Battery: 12 Vdc, 24 Ah		
	UPI (GTIN/EAN-13): 6954327100247	£155
Replacement Battery: 12 Vdc, 14 Ah		
	UPI (GTIN/EAN-13): 6954327100230	£71
Replacement Battery: 12 Vdc, 10 Ah		
	UPI (GTIN/EAN-13): 6954327100308	£61
Replacement Battery: 6 Vdc, 10 Ah		
	UPI (GTIN/EAN-13): 6954327100223	£35
Water Container: For Models FWS-DBL-1 and 2		
	UPI (GTIN/EAN-13): 6954327100254	£24



Product Warranty – Europe

This warranty applies to all products sold in Europe by AgriSolar Solutions Europe, Ltd. This warranty is not supported by AgriSolar Solutions Europe, Ltd., or AgriSolar Solutions, Inc., outside of Europe. For the purpose of determining warranty eligibility, Europe shall mean those states – except Russia and Hungary – belonging to the Council of Europe on 27 May 2011.

1. YOU MUST PRESENT PROOF OF PURCHASE DATE (BILL OF SALE) TO OBTAIN WARRANTY SERVICE. Should your AgriSolar Solutions Europe, Ltd., product require warranty service, please contact AgriSolar Solutions Europe, Ltd., Registration No. 7743511, 41 Chalton Street, London NW1 1JD, UK, Tel: +4420 7554 2258, Fax: +4420 7554 2201.

2. YOUR AGRISOLAR SOLUTIONS EUROPE, LTD., PRODUCT IS GUARANTEED AGAINST MANUFACTURING DEFECTS FOR 180 DAYS FROM THE DATE OF THE ORIGINAL PURCHASE. If during this period of guarantee the product proves defective due to improper material or workmanship, AgriSolar Solutions Europe, Ltd., will, without charge for labour and parts, repair the product in the terms and conditions set as below. AgriSolar Solutions Europe, Ltd., reserves the right (in its sole discretion) to replace or repair the product. This warranty is only provided upon presentation of the original invoice or purchase receipt indicating the date of purchase, product type and place of purchase, together with the product. AgriSolar Solutions Europe, Ltd., reserves the right to refuse free-of-charge warranty service if the above documents cannot be presented or the information contained in it is incomplete or illegible.

3. This warranty will not cover: (i) necessary maintenance and repair or replacement of parts due to normal wear and tear; (ii) transport costs and all risks of transport relating directly or indirectly to the warranty of the products; and (iii) any damage resulting from modifications or adjustments which may be made to the product, without the prior written consent of AgriSolar Solutions Europe, Ltd.

4. The warranty will not be applicable in the case of: (i) damage caused by misuse including but not limited to failure to use the product for its normal purpose or according to the user instructions on the proper use and care; (ii) installation and use of the product inconsistent with the safety standards in force in the country where it is used; (iii) damage caused by accidents including but not limited to lighting, flood, fire, misuse or neglect; (iv) alteration, defacing, or removal of the model or serial number on the product; (v) damage resulting from repairs or adjustments which have been conducted by unauthorised service organisations or persons.; and (vi) damage to any system into which the product is incorporated or with which it used.

5. This service warranty does not affect the consumer's statutory rights under applicable national laws in force.