

Using the latest solar power technologies, our powerful LED Solar Pest Killing Lamp offers exceptional killing effects to over 2000 different pests with substantial energy savings, reduced maintenance costs and carbon emissions, free of pesticide pollution.

Ideal environment friendly way for garden, farm, orchard, forest etc. pest killing. Once installed the lamp charge up by solar during the day and light up automatically at night for 6hrs or your required hours. It attracts fly pests with and kills them by high-voltage fence around the light source. All killed pests will drop into the collect bag to avoid pollution to the environment.

KEY FEATURES

- **5500Vac** high voltage for effective killing
- **<10mA** low current for safety of human being
- **2000+ kinds** of pests killed with 320~680Nm wavelength
- **10 Sections** in-built timer according to pests routines
- **120M** effective killing radius, cover 11 acres
- **MPPT** charging inbuilt, rain proof automatic cut-off
- **100%** powered by solar, no cabling for off-grid use
- **5 days** continual rainy/cloudy autonomy
- **8+ years** battery life, 25 years product lifespan
- **3 Years** warranty for solar power system
- Stainless steel + Aluminum + UV ABS for anti-corrosion
- No pollution of pesticide, noise and hazard light
- Easy to install & maintenance free

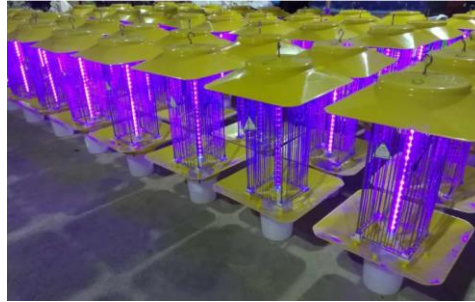


MAIN APPLICATIONS

- Farm
- Orchard
- Forest
- Fish pond
- Residential community
- Public spaces
- Exterior retail, commercial, hotel and leisure spaces



TECHNICAL SPECIFICATIONS



Pests Attracting Light Source	Max Wattage	12V/15W
	Type	UV fluorescent (LED as optional)
	Start-up Time	5 s
	Covering Area	120M (11 acres) for farm/ 80M (5 acres) for forest
	Wavelength	320~680nm for fluorescent/ 365~620nm for LED
High Voltage Fence	Working Voltage	5500 Vac
	Max Current	< 10mA
	Grilles Distance	6mm
	Pests Impact Area	0.21 m ²
	Insulation Resistance	≥ 2.5 MΩ
Controller	Materials	Stainless steel
	Charger/Inverter	Inbuilt MPPT+Micro Inverter to 5500Vac
Solar Panel	Protection	Over-charging protection, over-discharging protection, reverse connection protection, rain proof protection, lightning protection, light control, 10 sections Intelligent timer according to pests routines
	Power	18V/30Wp (Polycrystalline PV)
Batteries	Life-span	25 years
	Capacity/Type	12.8V/18AH (230.40WH) / LiFePO4 Lithium
Full Charge Time	Life-span	8+ years (3,000 circles @ 60% DoD)
	By Solar	8 hours (STC: 1000W/m ² , 25 °C)
Discharge Time	Full Power	>15 hours
	Autonomy	for 5 continual rainy/cloudy days
Working Temp.	0°C ~+80°C	
Mounting Height	Recommended 2.0~3.5M	
Certificate	CE / ROHS / IP66/TUV-SUD ISO9001/ ISO14001	
Warranty	3 years (1 year for fluorescent light source)	
Packing & Weight	Lamp Carton:	400*400*800mm (0.128CBM) @ 1pcs/CTN
	Gross Weight:	3.0kgs
	Solar Panel CTN:	550*550*140mm (0.042CBM) @ 5pcs/CTN
	Gross Weight:	18kgs
Sets per Container	20' GP	120
	40' HQ	280

