

PV Protector®

Professional Bird Barrier System
for Solar Modules



An intelligent solution to keep birds away

PV Protector® – **non-invasive, outer-edge mounted bird deterrent system for photovoltaic modules.**

Prevents bird nesting, debris accumulation and contamination in the sub-module area. Protects system performance, rear ventilation and structural integrity.

Modular perimeter system with C-Clips for attachment to the outer module frame edge. No sub-module access required. Reduced installation effort and minimised installation risk.

No metallic contact with the module surface.

No frame damage. **No warranty risk.**

Technical Advantages



Quick Outer-Edge Mounting

No access to module underside required.



All-in-One System Kit

Simplified inventory management.



Universal Compatibility

Suitable for module frames with 30, 35 and 40 mm frame height.



Maximum Safety

No frame damage.
No scratches or corrosion.
No warranty risk.

System Components

- Perimeter Segments
- C-Clips
- Cable Ties

Product Variants

Perimeter Segment Heights

- 150 mm
- 200 mm

Frame Height Options

- 30 mm
- 35 mm
- 40 mm



Installation Video

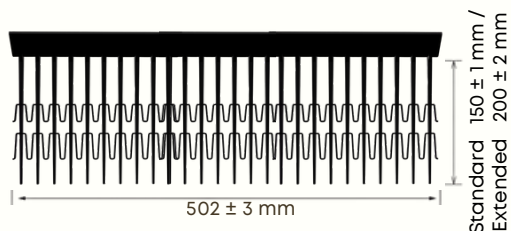
Application Areas

- Residential rooftops
- Commercial and industrial systems (C&I)
- New installations and retrofit projects



System Components

Perimeter Segment



Material	HDPE with UV stabilisers 944 and 622
Segment Length	502 mm ± 3 mm
Material Thickness	2.0 mm
Mounting	Outer-edge mounting
Design Life	≥10 years (UV and weather exposure)
Variant Standard – 150 mm	Overall Height: 175 mm Max. Coverage: 145 mm
Variant Extended – 200 mm	Overall Height: 225 mm Max. Coverage: 195 mm

C-Clip



Material	UV-stabilised PC + ABS
Mounting	tool-free, on the outer edge
Design Life	≥10 years (UV and weather exposure)
Frame Height Options	30 mm 35 mm 40 mm

Cable Tie



Material	UV-stabilised PA66
Dimensions	150 × 3.6 mm
Design Life	≥10 years (UV and weather exposure)

Packaging and Logistics Data

Kit Configuration (All-in-One System Kit)

Version	Kit Length	Part Number	Box Dimensions	Gross Weight	Contents		
					Perimeter Segments	C-Clips	Cable Ties
Standard - 150 mm	30 m	PP150NB3000	53 × 40 × 13 cm	5.7 kg	60 pcs	240 pcs	100 pcs
Standard - 150 mm	40 m	PP150NB4000	53 × 40 × 13 cm	7.4 kg	80 pcs	320 pcs	100 pcs
Extended – 200 mm	30 m	PP200NB3000	53 × 40 × 18 cm	6.8 kg	60 pcs	240 pcs	100 pcs
Extended – 200 mm	40 m	PP200NB4000	53 × 40 × 18 cm	8.8 kg	80 pcs	320 pcs	100 pcs

⚠ Order Note:

- **Extended – 200 mm:** We recommend the extended version (200 mm) for cross-bonded layouts.
- **C-Clips are available for module frame heights of 30 mm, 35 mm or 40 mm. Unless otherwise specified, delivery defaults to 30 mm.**

Palletisation Data:

Palletisation: 20 boxes / pallet

Pallet dimensions:

- Standard (150 mm): 120 × 82 × 80 cm
- Extended (200 mm): 120 × 82 × 95 cm

Pallet weight (Standard / Extended):

- 30 m Kit: 139 kg / 161 kg
- 40 m Kit: 173 kg / 201 kg

