



Patent Pending

# CLEAN ENERGY BRIGHT FUTURE

## PLASTIC PV SOLAR MOUNTING SYSTEM

SOLAR COMPONENT SUPPLIER FOR INSTALLERS & DEVELOPERS

Revolutionary in design, this flat roof 30 degree photovoltaic (PV) mounting system has the lowest installed cost per watt in the solar industry.

The aerodynamic design reduces both live and dead roof loads from PV installations. The sloped back eliminates uplift effects which are found with many steel PV mounting systems. This innovative design reduces the amount of ballast and the need for roof penetration when installing your PV system.

Made from ultraviolet resistant recyclable plastic designed for Ontario's climate, this system is quick to install, stackable for easy delivery to site, available in different colours, has integrated cable and wire holders, and is fully recyclable.

Cut-outs in the sides provide for easy cable installation. Front and side ventilation reduces panel operating temperatures. More testing than any other PV mounting system. Snow load and wind load tested with innovative ballast calculator tool.

Simply place a section of protective roofing material or Styrofoam (as required) on the roof, position our plastic PV mount (oriented south), place the recommended amount of stone or concrete pavers inside, connect PV cables, snap the PV panel in place, and you are finished. No complex assembly required or large steel frames to lift and bolt into place.

### FEATURES

- Lowest cost per watt in the industry
- Designed and made in Ontario (30 deg panel angle)
- Wind tunnel tested
- Snow study tested
- Modular for quick layout and deployment
- 70% reduced installation labour costs
- Integrated cable and wire raceway
- Uses concrete patio pavers or roof gravel for ballast (similar characteristics to a roof walkway)
- No roof penetration needed (no roof damage from steel structures)
- Reduced roof live and dead loading (can be deployed on almost any flat roof)
- Ventilation at the front and sides to keep the PV panel cool
- Easy to move when re-roofing is needed
- Looks great and professional for a clean PV installation
- Less cables and wires exposed that could get damaged by other trade workers
- 20 year warranty

### OPTIONS

- Available in black, white, red, green or orange
- Available in fire resistant plastic

[www.sppcanada.ca](http://www.sppcanada.ca)

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Meets Ontario requirements  
for domestic content



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PRODUCTS**



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### Specifications

PV Panel Size	1650mm x 992mm (65" x 39")
	1675mm x 1001mm (66" x 39.5")
Foot Print	145cm x 95cm (57" x 37")
Height	79cm (31")
Front Edge Height	33cm (13")
Panel Angle	30°
Back Angle	60°
Weight	14.5kg (32lbs) +/- 7.5%
Thickness	3.2mm (0.125")
Ballast (User choice)	Loose Stone or Concrete Pavers
HDPE Softening Point	130°C (265F)
HDPE Tensile Strength	281 kg/cm2 (4,800 psi)
Expansion/Contraction	+/- 0.4%



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