The SunPower® Smart Mount Residential Mounting System is specifically designed for use on composition shingle roofs. It offers easiest, fastest, and most flexible method for mounting solar panels onto residential rooftops.

**BENEFITS**

**Rapid Installation**
30% faster installation means lower costs for dealers

**Integrated Grounding**
Ground conductors between panels are not required

**Rails Eliminated**
No need to transport, install, or align mounting rails

**Direct to Sheathing Attachment**
Offers flexibility to install the array virtually anywhere on the roof

**High Wind Resistance**
Withstands wind speeds up to 120 mph

**Superior Aesthetics**
Minimizes panel gaps and eliminates protruding rails

**Proven and Reliable Design**
Conforms to all standard roofing industry requirements. More than two years of successful installation in new home communities.

The SunPower® Smart Mount Residential Mounting System significantly reduces installation time and material costs. Mounting the solar array directly to the roof sheathing eliminates the need to locate rafters, drill pilot holes, and drive lag bolts. It also enables greater flexibility in array positioning because rafter points are not required.

Smart Mount feet connect directly to the panel frame, eliminating the need for rails. A patented, UL-listed grounding clip easily secures the panels to the mounting feet, removing the need for grounding conductors between panels.

**Proven Reliability**
Designed to withstand wind speeds up to 120 mph, Smart Mount uses standard roofing materials with proven reliability. Each mounting foot is flashed and sealed to protect the roof surface and prevent leaks.

SunPower has successfully installed Smart Mount systems onto new home community rooftops since 2006. Installation crews cut installation time by up to 30% with Smart Mount. With minimal training, a three-person crew can fully install up to three Smart Mount systems in one day!
Complete System Solution
Smart Mount is included in the SunPower® SmartPack along with the panels, inverter, and monitoring components — with direct-to-site delivery. Smart Mount accessories include an aluminum layout tool and height-adjustable shims for mounting on nearly all types of composition shingle roofs.

Smart Mount Components

Reliable and Robust Design

Reliability Tests Passed (partial list)
• Dade County hurricane resistance test with wind-driven rain at 120 mph and 8.8 inches per hour (no leaks or roof damage)
• Building envelope flood test of mounting foot attachment point (no leaks or roof damage)
• Accelerated life cycle testing of butyl seal between flashing and mounting foot, followed by submersion test (no leaks or roof damage)
• System ground path integrity testing on UL-approved integrated grounding clip
• Deck mounting screw pullout strength testing
• The structural calculation set for entire load path is stamped by a Professional Engineer

SunPower® Smart Mount technology is patent protected.

About SunPower
SunPower designs, manufactures, and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells generate up to 50 percent more power than conventional solar cells. Our high-performance solar panels, roof tiles, and trackers deliver significantly more energy than competing systems.