RAPID SHUTDOWN SYSTEM





Reliable

- Optimal system reliability with hybrid switches for disconnecting
- Automatic self-test upon startup to ensure functionality

Perfect alignment

- Engineered for Sunny Boy-US and Sunny Boy TL-US inverter lines with multiple MPP tracking channels
- Compatible with Secure Power Supply

Code compliant

- UL-Certified and compliant with 2014 NEC 690.12 Rapid Shutdown
- No interference with AFCI function of Sunny Boy inverters

Cost effective

- Incorporated junction box reduces equipment and speeds installation time
- Pre-wired MC4 connectors and snap terminals reduce materials and installation time

RAPID SHUTDOWN SYSTEM

Cost-effective system compliance

The SMA Rapid Shutdown System is the most cost-effective way to achieve 2014 NEC 690.12 Rapid Shutdown compliance for systems using Sunny Boy inverters. This DC powered system allows for the use of Secure Power Supply, providing opportunity power to homeowners during daytime grid outages. Hybrid switches and automatic self-test ensure system safety and durability, reducing risk and costs. Each component plays a critical role in a PV system; don't compromise your Sunny Boy's performance with any other rapid shutdown solution.

Technical data	Rapid Shutdown Controller
General data	
Status indicator	2 LEDs
Dimensions (W x H x D)	$80 \times 153 \times 104 \text{ mm} / 3.15 \times 6.02 \times 4.1 \text{ in}$
Weight	0.3 kg / 0.72 lb
Ambient temperature range	-25°C to +70°C
Enclosure rating	Type 4X
Enclosure finish	Polycarbonate
Type designation	RSC-1X-US-10

