



SMA LARGE SCALE ENERGY SOLUTIONS

# Repowering. The potential of simply MORE.

SMA offers tailored, plug-and-play repowering solutions for all major OEMs.



## FLEXIBLE VOLTAGE RANGES

- 600 V, 1000 V and 1500 V DC systems
- 200 V to 690 V AC systems
- Compatible with most existing MVTs



## NEXT GENERATION FEATURES

- Battery Storage
- Grid Forming
- Q on demand
- Remote ground fault reset
- Fault ride through upgrades



## SUPPORT AND WARRANTY

- Standard 63- month warranty
- Standard 63-month warranty on the MVT
- Support team with 120 years of experience
- Solutions designed for a 30-year life
- Competitive lead times



## INDUSTRY LEADING GRID INTERACTIVITY AND RELIABILITY

- NERC PRC-029
- IEEE-2800
- NOGRR-245
- UL 1741 SA/SB
- IEEE 1547-2020



## RELIABILITY

- Proven reliability during grid disturbances, as shown in Odessa, Southern Utah and California sites by NERC
- Every SMA inverter stayed online, with other OEMs crashing and being explicitly named in the NERC report\*



**Repowering: The potential of simply MORE.**  
The potential to future-proof your project.

SMA-America.com

\*Various FRT events show inverters that failed share a 3-level NPC stack design. SMA's Sunny Central units had no complaints in the NERC Report that can be found here: [bit.ly/3F4Z2jK](https://bit.ly/3F4Z2jK)



## SMA LARGE SCALE ENERGY SOLUTIONS

# Repowering. The potential of simply MORE.

Simplifying success. SMA Repowering Solutions.

When other OEM inverters fall short, SMA steps in with dependable, customized replacement solutions compatible with most inverter brands - boosting your project's performance. Trust in SMA's commitment to reliability, with every product delivering:

- Up to 200% DC Oversizing
- Intelligent cooling system Opticool™ technology ensure smooth operation even in extreme ambient temperatures
- A standard 5-year factory warranty, with option to extend



### **Sunny Central UP**

*Designed to support the majority of installed MVTs*

### **Medium Voltage Power Station**

*Turnkey solution for situations where MVTs cannot be retained*

### **Sunny Highpower PEAK3 FLEX**

*A superior distributed generation solution*

1000 Vdc & 1500 Vdc Repowering

- Flexible AC voltage range - 300 Vac to 690 Vac
- Wide DC voltage range - 425 Vdc to 1500 Vdc
- Remote ground fault detection
- Conforming to IEEE-2800 standard
- Q @ Night for VAR support
- Cost-effective design with 2 or 3 stack configuration options
- Standard 5-year factory warranty, extendable up to 20 years for the inverter and up to 10 years for the MVT

600 Vdc, 1000 Vdc & 1500 Vdc Repowering

- Flexible AC voltage range - 200 Vac to 660 Vac
- Wide DC voltage range - 285 Vdc to 1500 Vdc
- Designed to support the majority of installed MVTs
- Plug-and-play unit, voltage adjustable at setup.
- Compatible with floating controller device for PID mitigation
- Conforming to UL1741-SB and IEEE-1547
- Standard 5-year factory warranty, extendable up to 25 years



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