

SUNNY ISLAND 6048-US

SI6048-US-10



ennexOS
ready



Efficient

- CEC efficiency of 94%
- State of charge calculation
- Intelligent battery management for maximum battery life
- Now supports external BMS and lithium-ion technology

Simple

- Easy commissioning with the "Quick Configuration Guide"
- Complete off-grid management
- Excellent for grid-tied battery back up
- Easy monitoring via ennexOS Portal

Durable

- Extreme overload capability
- OptiCool™ active temperature management system
- Now with 10-year standard warranty

Flexible

- For systems from 6 to 69 kW
- Single, split-phase and three-phase operation, connectable in parallel and modularly expandable
- AC and DC coupling
- Compatible with lithium ion battery systems

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The proven micro-grid manager

The SMA Sunny Island 6048-US inverter is ideal for off-grid or battery backup operation, scaling up to 23 kW of split-phase continuous power. Easy integration of and robust control features for PV inverters and generators provide for optimal operation with or without grid support. High efficiency provides maximum production and support of external battery management systems provides additional battery flexibility. Usable in split-phase with 2 or 4 inverters (up to 23kW load) or in 208V Wye three-phase systems with 3 inverters (up to 17.3 kW load). Also ideal for larger three-phase loads using the Multicluseter Box US (3, 6, 9, or 12 inverters) for up to 69 kW individual loads.

