

## Grid-Tie Inverters



SMA Sunny Island

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SMA's all new Sunny Island offers add-on backup power capability to new and existing, single-purpose, grid-tie, Sunny Boy (SB) systems. Unlike other battery based inverters the Sunny Island uses the AC buss for PV input. This makes connecting a Sunny Island and SB together in a fully interactive networked environment a simple matter. The Sunny Island automatically detects utility outages and supplies critical loads from the PV array and batteries.

The Sunny Island is available in 48 Vdc battery voltage only, it is rated for 4200 continuous watts and has an outstanding 12 kW surge for 100 ms. A unique feature of the Sunny Island is an automatic load shedding feature designed to protect the batteries from over discharge while still providing power for the most critical loads. The Sunny Island may also be used in stand-alone off grid application. Five-year warranty. UL listed.

Model	Efficiency CEC %	DC Input Voltage	Continuous Power Watts CEC	AC Output Volts	Dimensions in.	Weight lb.
SI 4248U	n/a	48	n/a	120	23.2 x 15.35 x 9.64	86