

SunWize® Grid-Tie Systems with Battery Backup

Featuring the MidNite Solar E-Panel and OutBack GTFX 3048-1 and GVFX 3648-1 Inverter

SunWize Grid-Tie Systems with Battery Backup offer SunWize modules and high-quality system components to provide reliable power. All major components needed for a successful installation are included with each system. In addition to solar modules and batteries, each system includes a pre-assembled, factory-tested SunWize Power Center with AC/DC disconnects and PV ground fault protection, a UniRac SolarMount support structure, MC cables, and a lockable, indoor battery enclosure. The installer provides the common AC wiring.

For power needs beyond 7.2kW, additional power systems can be installed for other critical loads. An optional PSX240 transformer can be added for 120/240Vac applications.

All SunWize systems include complete documentation, an installation guide and owner's manual. SunWize modules carry a 25-year warranty on power output. The SunWize Power Center carries a 1-year SunWize warranty and the Concorde batteries have an 18-month warranty. The OutBack inverters carry a 5-year warranty and 10 years in California and the FM60 controllers have a 5-year warranty. Sealed AGM batteries provide 9 kWh (@ 24 hr. rate) of reserve power. Expandable up to 27 kWh. Maintenance-free batteries are designed to last 10+ years in float condition.

Battery Enclosure Dimensions: 33.6"W x 34.2"H x 15.2"D, weight without batteries: 30 lbs.

SunWize Power Center Assembly Dimensions: 26" x 18" x 18", weight: 100 lbs.

Only experienced solar energy dealers or electrical contractors should install SunWize Grid-Tie Systems.



E-Panel, GFX inverter and 60A controller. The SunWize inverter power centers are assembled and tested at SunWize to UL-508A listing for USA and Canada CAN/CSA 22.2#14-M95 "Industrial Control Panel".

Part #	PV Array (watts)	Solar Module	Battery Storage	OutBack Inverter	Output Power (kW)	Output (Vac) *	PV# Series x Parallel	PV String (Voc) (Vdc)	PV String (Isc) (Adc)	PV Array (Isc) (Adc)
999GTB032	2400	SW100C	9 kWh	GTFX3048-1	3.0	120	4 x 6	114	4.94	29.64
999GTB033	2800	SW100C	9 kWh	GTFX3048-1	3.0	120	4 x 7	114	4.94	34.58
999GTB042	2800	SW100C	9 kWh	GVFX3648-1	3.6	120	4 x 7	114	4.94	34.58
999GTB043	3200	SW100C	9 kWh	GVFX3648-1	3.6	120	4 x 8	114	4.94	39.52

For orders without mounting structures add the suffix Z to part number.