

SunWize® Grid-Tie Systems with Battery Backup

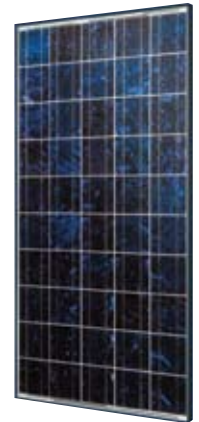
Featuring SunWize® Solar Ready Battery System, Mitsubishi 180W solar modules and the OutBack GFX series Inverter/Charger

SunWize Grid-Tie Systems with Battery Backup include:

- Mitsubishi solar modules
- UniRac® SolarMount™ flush-mounted roof support structure
- SunWize Solar Ready Battery System with
 - 1 OutBack GFX Inverter/Charger (choice of sealed or vented)
 - 1 OutBack FM60 Controller
 - 1 OutBack MATE Digital System monitor
- Concorde Sun-Xtender® AGM Sealed Maintenance-Free, Deep Cycle Batteries, 8 Model PVX – 3050T
- MidNite Solar Indoor Enclosure
- SolaDeck Combiner with Circuit Breakers
- PV Array Copper Grounding System & MC™ Cable Wire Management System
- Complete Documentation including drawings, owner's manual & warranties



SolaDeck™ PV junction box/string combiner



Mitsubishi 180 watt solar module

These SunWize Grid-Tie Systems offer Mitsubishi solar 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 Solar Ready Battery System with AC/DC disconnects, 60A PV charge controller, 63A PV ground fault protection, SolarMount support structures for flush mounting, MC cables, SolaDeck PV J-box/string combiner and a lockable, indoor battery enclosure. The installer provides the common AC wiring. For 240 Volt applications an optional PSX240 transformer can be added for single inverter systems. An optional 240 Vac digital +/- and net kWh meter is available for GTB072–77 dual Solar Ready Battery Systems only.

All SunWize systems include complete documentation, an installation guide and owner's manual. Mitsubishi modules carry a 20-year warranty on power output. The SunWize Solar Ready Battery System carries a 1-year SunWize warranty and the Concorde batteries have an 18-month warranty. The OutBack inverters carry a 5-year warranty (10 in CA) and the FM60 controller has a 5-year warranty.

Depending on the system selected, the AGM sealed batteries provide 13 or 26 kWh (@ 24 hr. rate) of reserve power. Maintenance-free batteries are designed to last 10+ years in float condition. Battery Enclosure Dimensions: 32" W x 58"H x 15"D. Weight with batteries: 920 lbs. Systems GTB072–GTB077 are dual enclosure models. 13 kWh battery expansion box sold separately.



SunWize Solar Ready Battery System components are housed in a gray powder-coated steel, key-lockable enclosure

SunWize Part #	PV Array (STC watts)	Battery Storage	OutBack Inverter - Qty.	Output Power (kW)	Output (Vac)	PV# Series x Parallel	PV Array (Isc) (Ade)
999GTB064	1440	13 kWh	GTFX3048-1	3.0	120	4 X 2	16
999GTB065	2160	13 kWh	GTFX3048-1	3.0	120	4 X 3	24
999GTB066	2880	13 kWh	GTFX3048-1	3.0	120	4 X 4	32
999GTB067	3600	13 kWh	GTFX3048-1	3.0	120	4 X 5	40
999GTB068	1440	13 kWh	GVFX3648-1	3.6	120	4 X 2	16
999GTB069	2160	13 kWh	GVFX3648-1	3.6	120	4 X 3	24
999GTB070	2880	13 kWh	GVFX3648-1	3.6	120	4 X 4	32
999GTB071	3600	13 kWh	GVFX3648-1	3.6	120	4 X 5	40
999GTB072	4320	26 kWh	GTFX3048-2	6.0	120/240	4 X 6	48
999GTB073	5760	26 kWh	GTFX3048-2	6.0	120/240	4 X 8	64
999GTB074	7200	26 kWh	GTFX3048-2	6.0	120/240	4 X 10	80
999GTB075	4320	26 kWh	GVFX3648-2	7.2	120/240	4 X 6	48
999GTB076	5760	26 kWh	GVFX3648-2	7.2	120/240	4 X 8	64
999GTB077	7200	26 kWh	GVFX3648-2	7.2	120/240	4 X 10	80

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