



# Grid to Go™

## GTG-3060 30 kVA /60 kWh Split-Phase Hybrid Power Unit

The **Grid to Go** is an eco-friendly portable power supply system that provides on-demand power, either independently or in conjunction with a diesel generator. When working in series with a diesel generator, it allows the generator to work as efficiently as possible with spare energy being stored into the unit's high power battery pack.

The Grid to Go (GTG) is powered by a series of AGM or lithium ion batteries, distributing power through an inverter system. It provides 24 kW of on-demand 120 V / 240 V single phase or 208 V three phase power. There are 60 kWhr of storage available. Charging of the batteries can occur either through diesel generators, main power, or solar power. The Grid to Go has the ability to store power, discharge power and pass through power, all at the same time.

Standard features include cam locks, twist locks, GFCI outlets, solar compatibility, remote monitoring and system control, and generator auto start functionality. It can plug and play with any brand of diesel generator.

When working as a hybrid system with a diesel generator, it reduces maintenance costs and fuel usage, extending the life of your diesel generator. This system also results in the reduction of CO2 emissions and many hours of silent power.

Specific applications include entertainment and sporting events, television and motion picture production, construction job sites, cellular towers, tower cranes, submersible pumps, requirements for eco-friendly green power and anywhere on-demand power is required.



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## SPECIFICATIONS



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GTG Specifications	
Prime kVA	30 kVA
Prime kW — Continuous	24 kW
Prime kW — Continuous with pass through	36 kW
Prime kW — 5 seconds	60 kW
Inverters	Victron
Power	
Voltage Selector	208/120 (3Ø), 240/120 (1Ø)
Pass-through capacity	100 A
System bypass capacity — Std.	125 A
System bypass capacity — opt.	400 A
Frequency	60/50 Hz (switchable)
Controls	
Control Panel	Programmable GSM remote monitor/ control
Power on indicator	Yes
System Status Control Panel	Yes
Battery condition	Yes
Battery main isolator	Yes
Input current control	0 to 100 A
Programmable gen auto-start signal	Yes

Battery Specifications	
Standard useable stored energy	60 kWh
Optional useable stored energy	90 kWh
Type	Gel lead acid OPzV-S
Life	2000 cycles to 80% dod, 3000 cycles to 60% dod
Nominal Battery Capacity	1000 Ah
Optional Nominal Battery Capacity	1500 Ah
Input Connection	
AC1 Maximum input 3Ø	100 A (CamLoc)
AC2 Maximum input	20 A 120 V (Twist lock)
Direct DC input	Anderson type connector (48 V, 50 A)
System bypass capacity	125 A standard
Output Connection	
3Ø	CamLoc
240V/120V	50 A Twist Lock (2), 30 A Twist Lock (1)
120V	30 A Twist Lock (2), 20A GFCI (2)
Weights and Dimensions	
LxWxH skid	47" x 78" x 77"
LxWxH Trailer Mounted	211" x 83" x 94"
Dry Weight Skid	7150 lb.
Dry Weight Trailer Mounted	8500 lb.
Sound Level @ 23 ft.	Inaudible above background
Autostart	Yes



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