

URG0002: GenSet Eliminator™ Skid

Technical Datasheet



Shown with optional solar panels

Features

- Control system optimizes use of generator
- Quiet/Silent operation mode
- Compatible with modern commercial and military generators
- Integrates with renewable energy sources for additional savings
- Customizable configurations
 - 120VAC or 220/240VAC
 - 50Hz or 60Hz
 - Tan or Gray
 - U.S. or UK output reception
- Li-ion cells – high energy / low weight / no memory / more cycles
- Can be mounted on standard trailer (LTT) for ease of mobility
- Plug-and-Play integration – set up in under 20 minutes
- Features Ultralife's Multi-Kilowatt Module battery

Applications

- Provides back-up power
- Serves as a UPS
- Connects directly to generator to optimize generator use
- Can serve as independent power station
- Integrates renewable inputs for energy storage

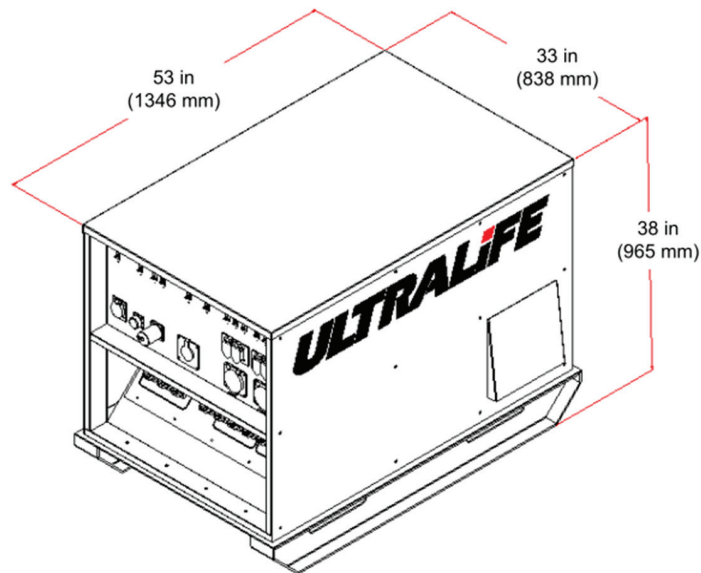
Benefits

- Quiet power when necessary
- Reduces:
 - Fuel consumption by up to 30%
 - Fuel costs by up to 30%
 - Maintenance by up to 50%
- Cuts fuel transport costs and risks

Technical Specifications

Part No.	URG0002
Input Voltage	24V NATO, 48V nominal, 120VAC, solar See chart for voltage ranges, power and connectors.
Output Voltage	24VDC NATO, 120VAC, 220VAC See chart for voltage range, frequency and connectors.
Max. Capacity	10kWh @ 3kW rate @ 23°C
Max. Discharge	3kW continuous of AC
Required Airflow	None required (no air conditioning required)
Battery Types	Li-Ion Iron Phosphate
Size	38" x 53" x 33" (965mm x 1346mm x 838mm)
Weight	~1700 lbs (454 kg)
Cycle Life	>3000 cycles @ C/1 to 80% of initial capacity
Operating Temperature	Discharge: -20°C to 60°C Charge: -20°C to 45°C
Storage Temperature	-40°C to 80°C
Self-Discharge	~10% per month
Exterior/Housing	Powder Coat Steel Frame
Communication	Wireless communication for monitoring only Technician port for external communication
Safety	Material Safety Datasheet – MSDS00152
Transportation	Side to side through holes in bottom supports forklift or strap lift mobility
Included Accessories	User Manual Quick Setup Reference Card
Optional Accessories	Grounding Kit Power Cables, Set of 5, 25' Power Cables, Set of 5, 50' Power Cables, Set of 5, 100' Additional Solar Panel Integration Kit Flex Shelter with Solar Panel Wireless Communication Kits (LAN only or Terrestrial Cell) Maintenance Manual (English/Spanish)
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Dimensions



Other Views



Ordering Information

URG0002- - - - -

①
②
③
④
⑤

① Capacity – 10kWh

② Voltage / Phase
B - 120VAC, 1PH
C - 220-240VAC, 1PH

③ Frequency
50 (Hz)
60 (Hz)

④ Color
TAN
GRY (Gray)

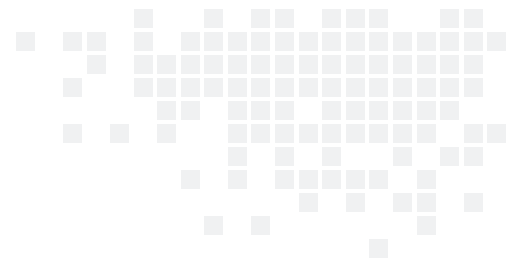
⑤ Outlet Receptacle
US
UK

URG0002

Newark, New York | 315-332-7100 | Fax: 315-331-7800

©2013 Ultralife Corporation • www.ultralifecorp.com • All information is subject to change without notice.

The information contained herein is for reference only and does not constitute a warranty of performance. • 07 JAN 13 UBM-0021 Rev: B



Input Chart

<u>Input Voltage</u>	<u>Voltage Range</u>	<u>Current</u>	<u>Power</u>	<u>Connector</u>
24V NATO	24-33	3-A	700W	NATO Slave
48V Nominal	46-52	40A	2kW	Amphenol
Solar DC	36-160	80A	2kW	Amphenol
Main / Shore	110-125VAC	15A		Standard Male Prong, Twist Lock L530
Generator	105-125	30A	3kW	Split Lag Twist Lock

Output Chart

<u>Input Voltage</u>	<u>Frequency</u>	<u>Voltage Range</u>	<u>Current</u>	<u>Connector</u>
24V NATO				NATO
48V Nominal				Amphenol
120VAC	50/60Hz	110-125VAC	15A	L530 Twistlock (30A), Duplex (15A), Split Lug (40A) - see note 1
220VAC	50/60Hz	210-240VAC	30A	1520 Twistlock (20A), Duplex (13A), Split Lug (20A) - see note 2

Note 1: Total of all outputs cannot exceed 40A

Note 2: Total of all outputs cannot exceed 20A