



ULTRA GEN

Clean Power Generation



POWER RIGHT WHERE YOU NEED IT!

Modular For When You Need More Power.

Parallel two or more for longer run time.

Ready to go 24/7. Home emergency backup or professional work site energy storage.

No Noise, Zero Pollution. The lithium battery and pure sine wave inverter start and quietly run devices smoothly.

Hybrid Power. Integrate with a fuel generator for extended runtime and faster recharge in demanding off-grid applications.

Move it. Durable trolley design with never-flat maintenance-free wheels.

Rugged and Durable. Ultra Gen is engineered for cold weather and wet and humid conditions.

Easy Fast Charging. Plug into a standard 20A wall socket and fully recharge in 2 hours (for UG-5000) or 4 hours (for UG-10000).



RENTAL



CONSTRUCTION



EVENTS



DISASTER
RELIEF



REMOTE
OUTPUT



RESIDENTIAL



FILM TV



SPECIFICATIONS

UG-10000

UG-5000

BATTERY

Nominal DC Input Voltage	51.2VDC	
Chemistry	LiFePO ₄	
Voltage Range	45VDC~54VDC	
Capacity	10496 Wh	5120Wh
Available Capacity	9446 Wh	4608Wh
Depth of Discharge	90% DOD	
Low Voltage Disconnect Recommended	48 VDC	
Low Voltage Disconnect*	40 VDC	
Max Charge/Discharge Current (1 hour)	95A	
Max Continuous Charge/Discharge Current**	70A	
Operating Temperature Range	4°C - 52°C (Charging); -17°C - 52°C (Discharging)	
Cycle-index	>4000	
SOC Warning Value	20%	
SOC Protection Value	10%	

PV

Rated Power	500 W	
Voc. Max	150 VDC	
MPPT Range	60-145 VDC	
PV High Loss Voltage	150Vdc±3V	
PV High Loss Return Voltage	145Vdc±3V	
Start Charging Voltage Point	Real time battery voltage+3V	
Rated Charging Voltage	51.2VDC	
Rated Charging Current	10A	
Peak Efficiency	98%	

GENERAL PARAMETERS

Cooling	External Fan	
Dimensions L x W x H	820 x 728 x 720 mm (32.3 x 28.7 x 28.3 in)	547 x 728 x 644 mm (21.5 x 28.7 x 25.4 in)
Weight	158 kg / 349 lb	110 kg / 243 lb
Ingress protection	IP65	
Wheels	4 x 10" 200kg load capacity each (441 lb)	
Noise	<55 dB @ 1M	
Altitude	<2000m (derate >2000 m)	