Engineered

Military Equipment

GENERAC®

MAGNUM

Designed for the Military
By the Military

USA ASSEMBLED & BUILT

Generac Mobile Products has a long history of working in partnership with the branches of the Department of Defense to design customized solutions to aide in military operations. In fact, our signature military product, the Integrated Trailer Environmental Control Unit with Generator (ITEG II), is the result of nearly a decade of design collaboration with the U.S. Marine Corps. We are proud to support our troops.

Generac Magnum specialized military equipment is built to meet the highest quality standards and performance specifications issuing performance in the most remote locations, and extreme environmental conditions.

And, Generac Mobile Products is proud to manufacture our military solutions in Wisconsin, U.S.A.

ITEG II

The Integrated Trailer Environmental Control Unit with Generator (ITEG II) is a HMMWV towable unit that is designed to support mobile command and control systems and other forward deployed operation centers and activities that move often and have no or limited access to external power sources. The generator produces 25kW of electrical power for external use as well as provides environmental air conditioning (cooling, heating, ventilation and filtering). Nominal cooling capacity is rated at 96,000 BTU/hr and nominal heating capacity is rated at 100,000 BTU/hr. The ITEG II unit can be removed from its M1102 trailer chassis for skid operation if required or can be operated while mounted to the trailer chassis as well. The M1102 trailer mounted ITEG II unit is designed with high ground clearance and run flat tires. Standard colors are chemical agent resistant coated (CARC) green and tan.

Unit	
Model	MEG30I / ISO
System	
Operating Range: °F (°C)	-20 to 130 (-29 to 54)
Storage Temperature Range: °F (°C)	-60 to 160 (-51 to 71)
Generator	
Frequency: Hz	60
Voltage / Phase	208VAC / 3 Phase
Wires	4
Maximum Power: kW	25
Export Power: kW	25
ECU	
Cooling Minimum: BTU/hr	96,000
Heating Minimum: BTU/hr	100,000
Duct Size: in (cm)	2 - 16 (41) for Supply 1 - 24 (61) for Return

Fuel	
Fuel Capacity: gal (L)	36 (136)
Fuel Consumption: gpm (Lpm)	4.5 (17)
Fuel Requirements:	Diesel / JP-5 / JP-8
Dimensions	
Length: in (m)	135.8 (3.5)
Width: in (m)	89.5 (2.3)
Height: in (m)	72.3 (1.8)
Weight: lbs (kg)	3980 (1805) [dry] 4200 (1905) [wet]
Volume: ft^2 (m^2)	495 (151)
Refrigerant	R134a
Design. Ambient Temperature: °F (°C)	130 (54)
Minimum Ambient Cooling: °F (°C)	50 (10)
Minimum Ambient Heating: °F (°C)	-20 (-29)
Available Payload: lb (kg)	0 (0)

Lighting

Portable **Tripod Light**

MPL0300QT1A0000

- One (1) 300 watt halogen bulb
- 12,000 total lumens

MLC4064 **Light Cart**

Portable Lighting

Focused lighting for on-tarmac maintenance, with single person push and pull maneuverability.

- Two (2) 1,050 watt metal halide lights
- 231,000 total lumens
- 12 ft. (3.7 m) maximum mast extension
- Extensive system control package
- Multiple convenience outlets
- Galvaneal steel enclosure
- Tandem towability
- Inside light storage
- Interior cabinet lighting

MLC4062 **Light Cart**

Security Lighting

Designed for perimeter and security lighting.

- Four (4) 1,050 watt metal halide lights
- 462,000 total lumens
- Four (4) point outrigger stance, withstands up to 65 mph (105 kph) winds
- Three (3) section tubular steel mast, with 30 ft. (9.1 m) maximum mast extension
- 355° mast rotation with locking system
- Extensive system control package
- Multiple convenience outlets
- Galvaneal steel enclosure
- Tandem towability
- Inside light storage
- Interior cabinet lighting

System Control **Package**

Provides easy system monitoring

- Keyless start switch
- Glow plug operation with switch
- Operation gauges for hour, oil, water temp, DC voltage and AC voltage
- Automatic low oil / high temp shutdown
- Ballast indicator lights
- Individual floodlight switches
- Multiple convenience outlets with individual breakers
- 28A start limit breaker

Designed for **Durability**

Generac® LED fixtures are designed for durability. In addition, the unique design allows for independent light modules to continue to operate even when other modules are damaged. Our LED light towers provide an ideal lighting solution for areas like restricted perimeters and security checkpoints in which gunfire may occur.

Standard COTS Equipment

In addition to our military specified solutions, Generac offers a wide range of durable and rugged commercial off-the-shelf (COTS) products to assist in operations.

Mobile **Light Towers**

The industry leader in industrial mobile lighting solutions, Generac Magnum diesel mobile light towers and shore-powered lighting solutions illuminate locations, inside and out... and provide additional power for smaller support equipment and tools.

Mobile **Generators**

From a comprehensive wide offering of diesel-powered generators to our innovative line of gaseous generators that easily switch between liquid propane, natural gas and wellhead gas fuel, we continue to innovate in providing reliable, efficient power with an eye toward future environmental standards.

Mobile **Heaters**

Generac MAC mobile heaters provide heat for a variety of applications, including tented structures, ground warming for excavation and general outdoor heat.

Portable **Equipment**

Depend on Generac® portable generators to provide reliable, portable power that is easy to transport and operate.

Mobile **Water Trailers / Pumps**

Whether you are trying to remove water from flooded areas, or transport water to remote areas, Generac Magnum mobile water and trash pumps, water trailers and combo units will get the job done, wherever that may be.

For more information,
visit us online at
www.GeneracMobileProducts.com
or email one of our government
sales representatives at
br.gov@generac.com

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