

# Advanced Medium Mobile Power Sources (AMMPS) The Future of Power in the Field



## From the Power Projects Group

The Cummins legacy of partnering with the U.S. government dates back to World War II, when the Allied forces relied on Onan-brand power generation equipment. Today, Cummins Power Generation continues its focus on understanding your needs to deliver optimized power solutions in the field.

For over 87 years, the Cummins Power Generation/Onan brand has stood for innovation, service and dependability. We look forward to working with you to continue this legacy. Our AMMPS product will be supplying a significant amount of the Department of Defense's (DOD) mobile power requirements.

**Our energy working for you.™**



## The Cummins Power Generation/Onan advantage

### Technology leader

- A full line of generator sets (2.5 kW to 2.5 MW) and transfer switch products
- Low-risk solutions for a wide range of applications

### 24/7 worldwide service

- Over 4,500 service locations around the globe
- Distributor-supported commissioning and maintenance services
- Critical parts inventory at all distributor locations
- Detailed engineering documentation available for all products

### Why AMMPS?

- Significant operational benefits for all Military Services
- Reduces logistics footprint (fuel and maintenance)
- Provides higher system reliability
- Improves unit mobility and transportability
- Lighter weight than TQG
- Significant operations and maintenance (O&M) cost savings
- Replaces aged MIL-STD and aging TQG fleet of 5–60 kW generator sets
- U.S. EPA air pollution regulations-compliant engines

### TQG vs. AMMPS

- Smaller, lighter, more fuel-efficient power in the field
- 21% improvement in fuel consumption

	5/60	5/400	10/60	10/400	15/60	15/400	30/60	30/400	60/60	60/400
<b>SIZE:</b> TQG (l x w x h")	50-32-36		62-32-36		69-36-54		80-36-54		87-36-58	
<b>SIZE:</b> AMMPS	45-32-36		55-32-36		65-36-53		75-36-53		82-36-53	
<b>WEIGHT:</b> TQG (lbs)	888	911	1182	1220	2124	2238	3006	3015	4063	4153
<b>WEIGHT:</b> AMMPS	784	787	1085	1100	1492	1513	2068	2174	2932	3112
<b>FUEL:</b> TQG @ prof. (60 Hz, DL-2, gal/hr)	.46		.74		1.22		1.83		3.28	
<b>FUEL:</b> AMMPS (60 Hz, DL-2, gal/hr)	.34		.55		.77		1.59		3.01	

### Critical military features

- Multi-fuel (JP-8, JP-4, DF-1, DF-2, DF-A)
- Operate at all environmental extremes
- Excellent power quality
- High reliability
- Battlefield mobility
- Ruggedized
- 24 Volt
- Nuclear, biological and chemical contamination survivability
- Enhanced battlefield survivability
- Low infrared signature
- Low noise signature
- Ability to withstand high-altitude
- electromagnetic pulse
- Electromagnetic compatibility to MIL-STD 461
- Rated power at altitude
- Organically supported

### For more information, contact:

Bob Lewis, AMMPS Program Manager  
 Cummins Power Generation Americas  
 Phone: (763) 574-5837  
 Fax: (763) 586-3096  
 Email: bob.lewis@cummins.com



**Our energy working for you.™**  
[www.cumminspower.com](http://www.cumminspower.com)

©2010 Cummins Power Generation Inc. All rights reserved. Cummins Power Generation and Cummins are registered trademarks of Cummins Inc. PowerCommand® is a registered trademark of Cummins Power Generation. The Power of One™ and "Our energy working for you.™" are trademarks of Cummins Power Generation. Other company, product, or service names may be trademarks or service marks of others. Specifications are subject to change without notice. F-2254 (6/10)