

The image is a full-page brochure cover for the Marathon Responder Duty Generator. It features a firefighter in full protective gear, including a helmet and a jacket with reflective yellow-green stripes, standing at night. The firefighter is holding a red radio to their mouth. To the right, the Marathon Responder Duty Generator is visible, with its side panel open, revealing internal components like hoses and electrical wiring. A bright blue light emanates from the generator, illuminating the scene. The background is dark, suggesting an outdoor emergency scene at night.

marathon®

MARATHON®
RESPONDER DUTY GENERATOR

JANUARY | 2025 | BROCHURE



POWER YOUR HEROISM



RESPONDER™ DUTY

Introducing the Marathon® Responder Duty™ the go-to for resilience and reliability in industrial alternator technology. Engineered to power critical operations, this vehicle-mounted powerhouse is a solid source of energy, ensuring emergency response teams and utility crews can tackle any environment. With Marathon's tough generators at its core, the Responder Duty is ready for any on-road or off-road challenge.


When the unexpected comes up, being resilient is crucial - a core belief woven into every part of the Responder Duty Generator.

It serves as a steadfast partner during critical times, offering options at 15, 20, and 25 kW to suit every mission. The standard PM500 voltage regulator ensures precise power output, while NEMA®* Class H insulation ensures operations continue smoothly even in harsh conditions.

FEATURES

- 15, 20, 25 kW
- Voltage regulator: 0.25% regulation; volts per hertz operation, over excitation shutdown, stability adjust and built in voltage adjustment
- Standard PM500 automatic voltage regulator (shunt excited) for improved motor starting performance
- Added ingress protection
- Winding treated with multiple dip and bake cycles of 100% solids varnish
- Reinforced main stator windings
- Taped and encapsulated exciter stator
- Anti-tracking coated exciter stator

*NEMA is a trademark or tradename owned by or under the control of National Electrical Manufacturers Association and is not owned by Marathon Electric LLC



**For those at the heart of
our community's safety,
we present the latest
innovation in emergency
response technology.**

Rely on the Marathon® Responder Duty™ for consistent performance when it really counts.



With the Marathon Responder Duty, heroes and companies receive not just an alternator, but a symbol of reliability ensuring sustained power and success during emergencies. This innovation serves a purpose by merging dependable power with environmental consciousness and a dedication to enhancing industry standards.

RATINGS

Model Number	Number Leads	Voltage	kW 105°/ 40°C Cont	Ph	PF	Efficiency	Locked Rotor kVA @ 30% Voltage Dip (PM500)
282PDL28189	4 Lead Non-Reconnectable	240/120	15	1	1.0	86.5%	39
282PDL28190	4 Lead Non-Reconnectable	240/120	20	1	1.0	85.6%	58
283PDL28191	4 Lead Non-Reconnectable	240/120	25	1	1.0	88.6%	84
283PDL28192	12 Lead Reconnectable	480/240	20	3	0.8	90.3%	102
283PDL28193	12 Lead Reconnectable	480/240	25	3	0.8	91.2%	134

Robust primary stator windings
that endure the test of time.

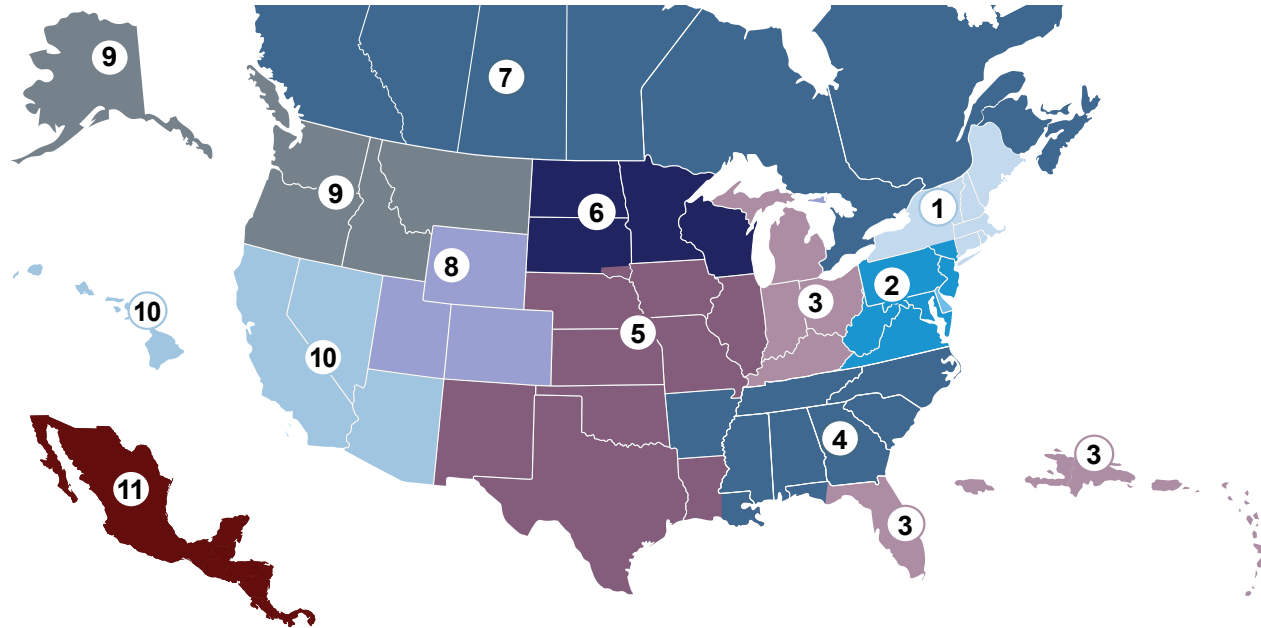
Superior moisture and abrasion
resistance achieved through
multiple dip and bake varnish
cycles on our windings.



The meticulously
encapsulated exciter
stator and rotor exemplify
Marathon's commitment
to long-lasting excellence.

When reliability counts, choose Marathon, for the long run.

North American Sales Territories Map



1 Goodall Industrial Equipment
10 W Central St.
Natick, MA 01760
Phone: 508-651-2668
E-mail: sales@goodallsales.com

2 FJ Toolan Inc.
1 Revere Ct.
Allentown, NJ 08501
Phone: 609-259-0387
E-mail: jeff@fjtoolan.com

3 Davidson Sales
839 Bill France Blvd.
Daytona Beach, FL 32117
Phone: 386-274-2079
E-mail: dsc@davidsonsales.com

4 Underwood Sales Co.
2783 Longate Drive
Memphis, TN 38132
Phone: 901-332-4701
Email: sales@uscinc.net

5 Power Source Midwest, Inc.
18 Hawk Ridge Blvd., Ste. 120
Lake St. Louis, MO 63367-1829
Phone: 636-625-4771
E-mail: sales@powersourcemidwest.com

6 Matt Taylor
Sales Engineer
P.O. Box 8003
Wausau WI 54402-8003
Phone: 715 675-8191
E-mail: matthew.taylor@marathonelectric.com

7 Les Agences CMG Inc.
135 Place Lussier
Waterloo, QC
J0E 2N0 CANADA
Phone: 418 955-6136
Email: maxime@agencescmg.com

8 David Dziekan
National Sales Manager
Frederick, CO
Phone: 715-660-8390
E-mail: david.dziekan@marathonelectric.com

9 Renosa Corporation
PO Box 516
Monroe, OR 97456
Phone: 503 864-3952
E-mail: dhammond@renosacorp.com

10 David Dziekan
National Sales Manager
Frederick, CO
Phone: 715-660-8390
E-mail: david.dziekan@marathonelectric.com

11 Juan Francisco III Illades Saucedo
Ave. Benito Juárez 11 Int. 104
Jardines de Santa Mónica
54050 Tlalnepantla, Méx.
Phone: 52-55-5374-3779
Email: francisco@swgs.com.mx



Reliable power... *for the long run*

100 East Randolph Street
Wausau, WI 54402-8003
Phone: 715-675-3359
Fax: 715-675-8026
www.MarathonElectric.com



NEMA is a trademark or tradename owned by or under the control of National Electrical Manufacturers Association and is not owned by Marathon Electric LLC.
"Marathon" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity.
Marathon are a trademarks of WEG SA, or one of its affiliated companies.