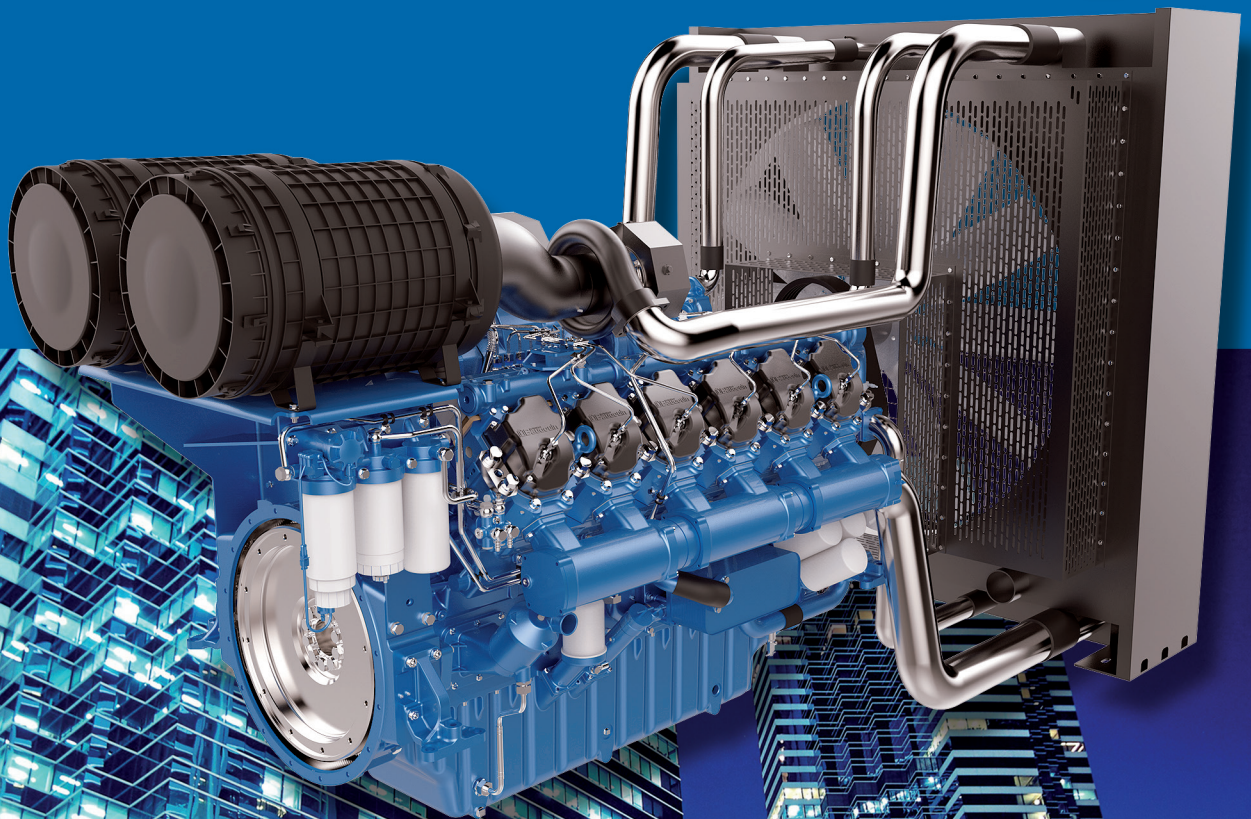
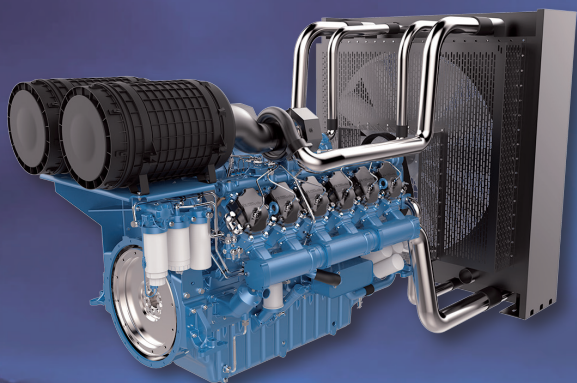


 **MOTEURS**  
**Baudouin**  
a *WEICHAI* company

**PowerKit Engines**  
For Power Generation



# PowerKit Engines



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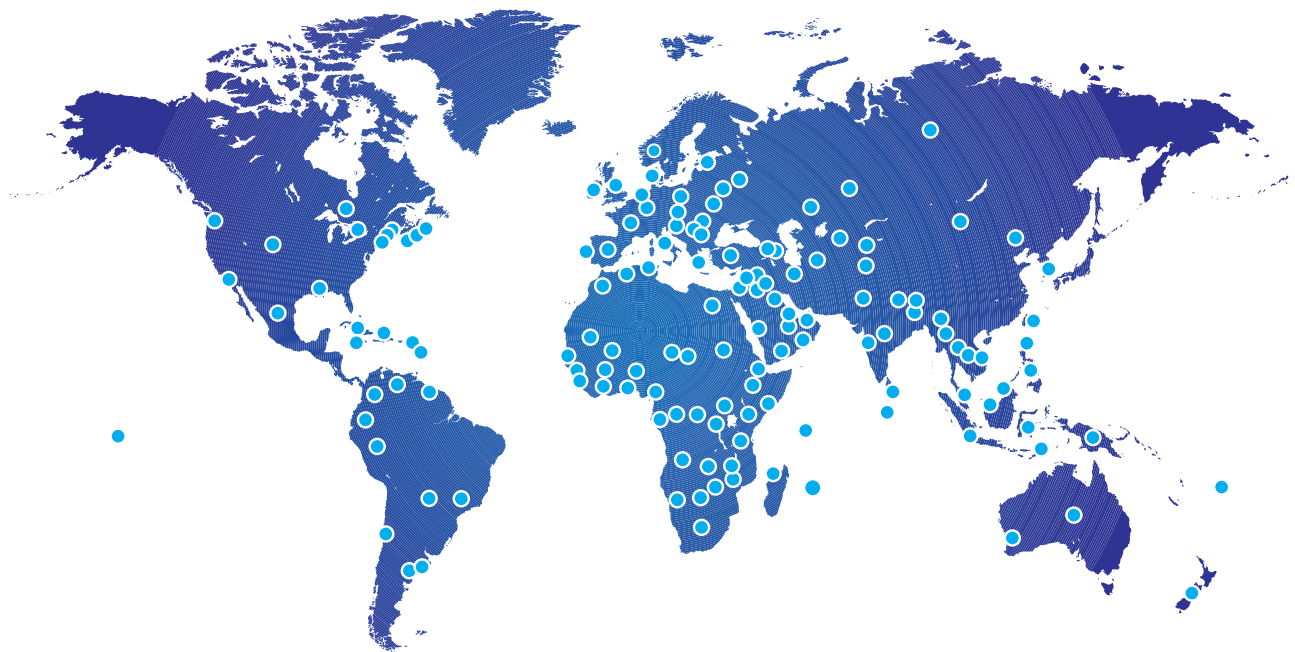
**For 100 years,** Moteurs Baudouin has manufactured the highest quality engines for marine and power generation applications. In the hostile environment of a marine operator, reliability and durability are paramount, and Baudouin has been successfully serving this market since 1918. It's from this marine heritage that Baudouin has a reputation for quality, serviceability, adaptability and reliability.

Through the 1960's and 1970's Baudouin manufactured complete generator sets and engines for power generation applications for some of the **largest generator manufacturers in the world.**

In 2008, Baudouin was acquired by **Weichai, one of the largest automotive and industrial equipment manufacturing groups in the world.** Founded in 1946, Weichai's technical capabilities, global footprint, and a strong background in power generation has made this partnership a perfect match.

Today, Baudouin is proud to launch a **new line of generator drive engines.** Our combined expertise in research and development, precision manufacturing, superior quality, and expansive sales and service support, make Baudouin the ideal partner in the power generation industry.

## Global Service & Support



# PowerKit by Moteurs Baudouin

## Heritage

100 Years experience in design, manufacturing, support and quality goes into every PowerKit. You can expect reliability, durability, excellent total cost of ownership and European quality from Baudouin PowerKit products.

## Power Range

Our full range of PowerKit products spans 15 to 2000 kVA typical generator output, a range that few engine manufacturers can match. And with nine R&D centers across the world, we are continually improving and tailoring our range based on local customer and regulatory requirements.

## Design Optimized for Service

Marine is our DNA. Easy, fast and cost-effective maintenance and servicing are imperative in the marine industry - and our PowerKit engines are designed to meet those same requirements. PowerKit engines are economical to run and quick to service, giving our customers a competitive edge.

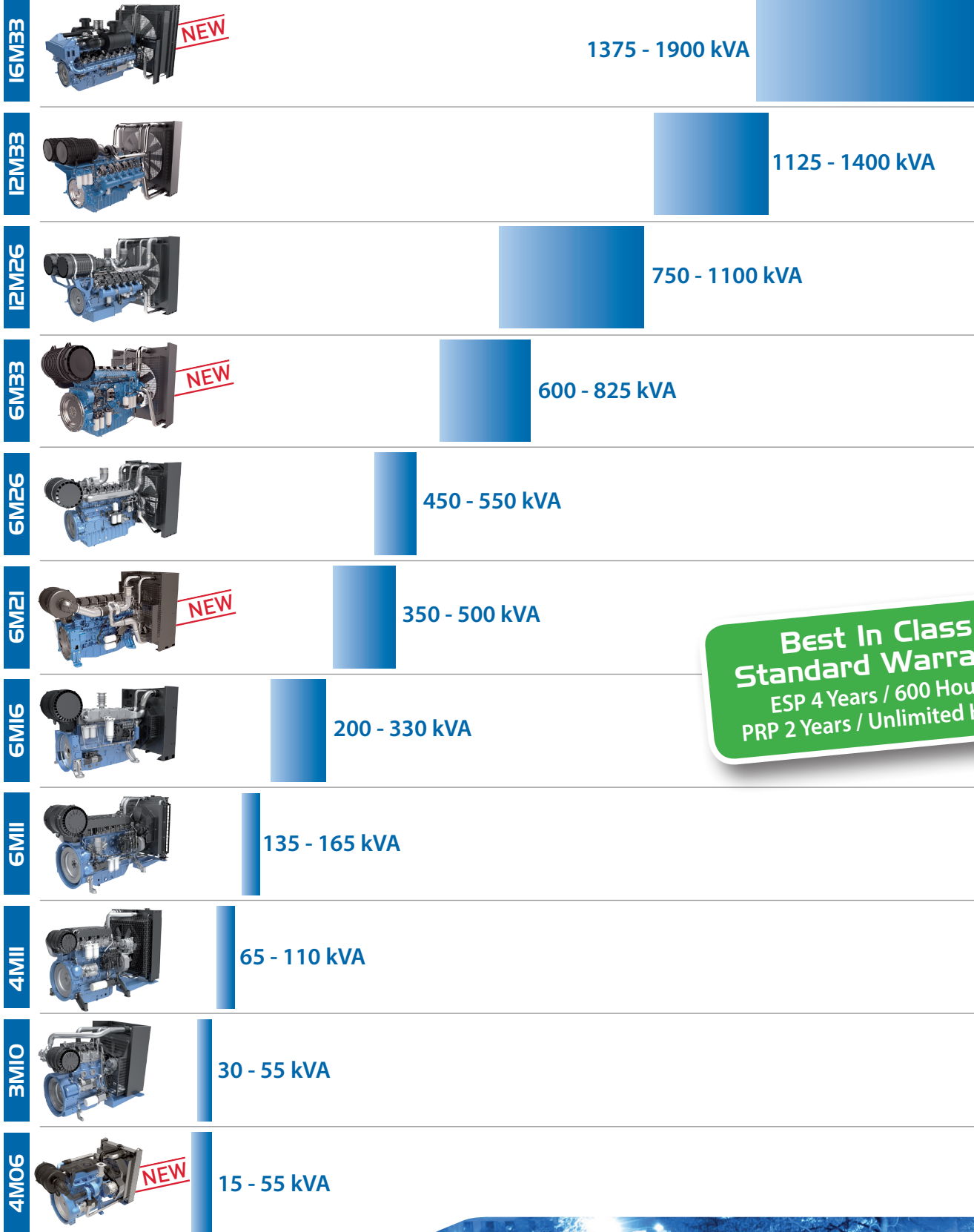
## Manufacturing Capacity

Our partnership with Weichai means that we have huge capacity and flexibility available, so you can count on us to deliver to your requirements on time and to specification.

# Meet Our Range

## Typical Genset Output (kVA) @ 50 Hz

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900



**Best In Class  
Standard Warranty**  
ESP 4 Years / 600 Hours  
PRP 2 Years / Unlimited Hours

## 50 Hz 1500rpm

Diesel Engine Model	Gross Engine Output		Typical Generator Output				Dimensions LxWxH	Dry Weight	Cylinders	Aspiration Cooling	Governor
	Prime Power (PRP)	Standby Power (ESP)	Prime Power (PRP)	Standby Power (ESP)							
	kWm (Gross)		kWe	kVA	kWe	kVA		mm	kg.		
4M06G17/5	18	20	12	15	13	17	1146×592×810	275	4-inline	NA	Mech
4M06G22/5	23	25	16	20	18	22	1146×592×810	275	4-inline	NA	Elec
4M06G33/5	30	33	24	30	26	33	1188×592×810	275	4-inline	T	Elec
4M06G44/5	36	40	32	40	35	44	1188×592×810	275	4-inline	T	Elec
4M06G50/5	44	48	36	45	40	50	1207×591×813	285	4-inline	T/A-A	Elec
4M06G55/5	48	53	40	50	44	55	1207×591×813	285	4-inline	T/A-A	ECU
3M10G33/5	30	33	24	30	26	33	1152×738×996	430	3-inline	NA	Elec
3M10G55/5	45	50	40	50	44	55	1129×738×1030	455	3-inline	T	Elec
4M11G70/5	60	66	52	65	57	72	1415×797×1041	650	4-inline	T	Elec
4M11G90/5	74	81	64	80	70	88	1415×797×1041	650	4-inline	T	Elec
4M11G110/5	98	108	80	100	88	110	1415×797×1091	700	4-inline	T/A-A	Elec
6M11G150/5	128	140	108	135	120	150	1727×853×1145	750	6-inline	T/A-A	Elec
6M11G165/5	138	152	120	150	132	165	1727×853×1145	750	6-inline	T/A-A	Elec
6M16G220/5	182	200	160	200	176	220	2088×1041×1257	1025	6-inline	T/A-A	Elec
6M16G250/5	216	238	180	225	200	250	2088×1041×1257	1025	6-inline	T/A-A	Elec
6M16G275/5	240	264	200	250	220	275	2088×1041×1257	1025	6-inline	T/A-A	Elec
6M16G330/5^	291	320	240	300	264	330	2045×1100×1300	1025	6-inline	T/A-A	Elec
6M21G385/5	350	385	280	350	308	385	2170×1134×1358	1120	6-inline	T/A-A	Elec
6M21G440/5	368	405	320	400	352	440	2170×1134×1358	1120	6-inline	T/A-A	Elec
6M21G500/5^	409	450	360	450	400	500	2176×1136×1359	1200	6-inline	T/A-A	ECU
6M26G500/5	406	447	360	450	400	500	2808×1500×1764	2100	6-inline	T/A-A	Elec
6M26G550/5	440	484	400	500	440	550	2808×1500×1764	2100	6-inline	T/A-A	Elec
6M33G660/5	520	572	480	600	528	660	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G715/5	575	633	520	650	572	715	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G750/5^	610	670	545	680	600	750	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G825/5^	659	725	600	750	660	825	2798×1600×1916	2620	6-inline	T/A-A	ECU
12M26G825/5	680	748	600	750	660	825	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G900/5	720	792	640	800	720	900	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G1000/5	820	902	720	900	800	1000	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G1100/5	880	968	800	1000	880	1100	3233×1992×2150	3660	12-V	T/A-A	Elec
12M33G1250/5	1007	1108	900	1125	1000	1250	3487×2194×2246	4360	12-V	T/A-A	Elec
12M33G1400/5	1100	1210	1000	1250	1120	1400	3487×2194×2246	4360	12-V	T/A-A	Elec
16M33G1700/5*	1390	1530	1200	1500	1360	1700	2280×1740×2030*	5500*	16-V	T/A-A	ECU
16M33G1900/5*	1530	1650	1400	1750	1520	1900	2280×1740×2030*	5500*	16-V	T/A-A	ECU

Aspiration/Cooling: NA=Naturally Aspirated, T=Turbocharged, T/A-A=Turbocharged & Air-to-Air Aftercooled. - Dimensions and weights include radiator.

\*Dimensions and weight without radiator.

^ These engines are designed for emergency standby power (ESP) applications only. Their use is limited to a maximum of 200 hours per year, including an annual maximum of 15 hours per year at the ESP rating.

## Rating Definitions

### Emergency Standby Power (ESP)

Engines of this rating provide power output with a varying load for the duration of a main power network failure. The average load factor should not exceed 70% of the engine's standby power rating. Typical operational hours of the engine is 200 hours, with a maximum expected usage of 500 hours. This includes an annual maximum of 25 hours per year at the standby power rating. No overload capability is allowed. The engine is not to be used for maintained utility paralleling applications.

# 60 Hz 1800rpm

Diesel Engine Model	Gross Engine Output		Typical Generator Output				Dimensions LxWxH mm	Dry Weight kg.	Cylinders	Aspiration Cooling	Governor
	Prime Power (PRP)	Standby Power (ESP)	Prime Power (PRP)		Standby Power (ESP)						
	kWm (Gross)		kWe	kVA	kWe	kVA					
4M06G16/6	23	25	18	23	20	25	1146×592×810	275	4-inline	NA	Elec
4M06G20/6	27	30	20	25	22	28	1146×592×810	275	4-inline	NA	Elec
4M06G27/6	37	41	27	34	30	38	1188×592×810	275	4-inline	T	Elec
4M06G32/6	43	47	32	40	35	44	1188×592×810	275	4-inline	T	Elec
4M06G45/6	53	58	45	56	50	62	1207×591×813	285	4-inline	T/A-A	Elec
4M06G50/6	58	63	50	63	55	69	1207×591×813	285	4-inline	T/A-A	ECU
3M10G30/6	36	40	30	38	33	42	1152×738×996	430	3-inline	NA	Mech/Elec
3M10G40/6	50	55	40	50	44	55	1129×738×1030	455	3-inline	T	Mech/Elec
4M11G75/6	85	93	75	94	83	103	1415×797×1041	650	4-inline	T	Mech/Elec
4M11G90/6	108	118	90	113	100	124	1415×797×1091	700	4-inline	T/A-A	Elec
6M11G100/6	120	132	100	125	110	138	1727×853×1145	750	6-inline	T/A-A	Mech/Elec
6M11G120/6	144	158	120	150	135	170	1727×853×1145	750	6-inline	T/A-A	Mech/Elec
6M11G135/6	164	180	135	170	150	188	1727×853×1145	750	6-inline	T/A-A	Elec
6M11G160/6^	182	200	160	200	175	220	1727×853×1145	750	6-inline	T/A-A	Mech/Elec
6M16G180/6	216	238	180	225	200	250	2088×1041×1257	1025	6-inline	T/A-A	Mech/Elec
6M16G200/6	240	264	200	250	220	275	2088×1041×1257	1025	6-inline	T/A-A	Mech/Elec
6M16G225/6	262	288	227	291	250	320	2088×1041×1257	1025	6-inline	T/A-A	Mech/Elec
6M16G280/6^	327	360	280	350	300	385	2088×1041×1257	1025	6-inline	T/A-A	Mech/Elec
6M21G320/6	350	385	320	400	350	440	2170×1134×1358	1120	6-inline	T/A-A	Mech/Elec
6M21G350/6	407	448	350	438	385	482	2170×1134×1358	1120	6-inline	T/A-A	Elec
6M21G400/6^	418	460	360	455	400	500	2170×1134×1358	1120	6-inline	T/A-A	ECU
6M26G400/6	460	506	400	500	450	563	2808×1500×1764	2100	6-inline	T/A-A	Elec
6M26G450/6	506	556	450	563	500	625	2808×1600×1900	2100	6-inline	T/A-A	Elec
6M33G520/6	575	633	520	650	575	720	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G550/6	610	670	550	688	600	750	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G633/6^	645	710	575	720	633	791	2808×1600×1900	2610	6-inline	T/A-A	Elec
6M33G660/6^	670	740	600	750	660	825	2808×1600×1900	2610	6-inline	T/A-A	ECU
12M26G600/6	680	748	600	750	660	825	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G680/6	720	792	680	850	750	938	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G720/6	820	902	720	900	800	1000	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G800/6	920	1012	800	1000	900	1100	3233×1992×2150	3660	12-V	T/A-A	Elec
12M26G910/6^	1014	1115	909	1136	1000	1250	3233×1992×2150	3660	12-V	T/A-A	Elec
12M33G900/6	1007	1108	900	1125	1000	1250	3487×2194×2246	4360	12-V	T/A-A	Elec
12M33G1000/6	1150	1265	1000	1250	1100	1375	3487×2194×2246	4360	12-V	T/A-A	Elec
12M33G1135/6^	1264	1390	1136	1421	1250	1563	3487×2194×2246	4360	12-V	T/A-A	Elec
16M33G1275/6*	1440	1580	1275	1594	1400	1750	2280×1740×2030*	5500*	16-V	T/A-A	ECU
16M33G1500/6*	1625	1785	1500	1875	1650	2063	2280×1740×2030*	5500*	16-V	T/A-A	ECU

Aspiration/Cooling: NA=Naturally Aspirated, T=Turbocharged, T/A-A=Turbocharged & Air-to-Air Aftercooled.- Dimensions and weights include radiator.

\*Dimensions and weight without radiator.

^ These engines are designed for emergency standby power (ESP) applications only. Their use is limited to a maximum of 200 hours per year, including an annual maximum of 15 hours per year at the ESP rating.

## Unlimited Prime Rated Power (PRP)

Engines of this rating provide unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's prime power rating; with a maximum number of 500 operational hours at 100% prime power rating. An overload capability of 10% is available, however, is limited to a period of 1 in every 12 hours.



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