



GMDT
Power solutions everywhere

POWER GENERATION

INDUSTRIES CATERED

BANK	INFRASTRUCTURE	HOTEL
CORPORATE	INFORMATION TECHNOLOGY	INDUSTRY
GOVERNMENT	MANUFACTURING	DATA CENTER



CERTIFICATE

OF APPRECIATION

GMDT Marine & Industrial Engineering Pvt. Ltd.

Appreciated Under

Company of The Year 2023

Recognized By

Business Connect

GMDT Marine & Industrial Engineering's admirable growth and differentiating factors drew attention of **BUSINESS CONNECT**



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Abhishek Kumar Dubey

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INTRODUCTION



GMDT
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GMDT Marine & Industrial Engineering Pvt Ltd is headquartered in Ahmedabad, India having business transactions in **Maldives, Nigeria, Somalia, Kenya, Seychelles, Uganda, Tanzania, Saudi Arabia, Jordan, Iraq, Dubai, Nepal, Egypt, Zambia, Iran, Iraq, Ethiopia, Sri Lanka, Malawi, Bangladesh, Germany, Paraguay, USA, Australia**. GMDT represents multi diversified group which believes in “delivering quality with pride”. It is a group company which has a wide manufacturing capability in different segments. We are Manufacturer of Power Generation, Diesel Engines and Automotive Services and Parts. We are global provider of electrical generators and power generation systems, components and services in standby power, distributed power generation, as well as auxiliary power in mobile applications to meet the needs of a diversified customer base.

Our Power Generation products include diesel and alternative-fueled electrical generator sets from **2.5 to 3750KVA**, alternators from 0.6 KVA to 30,000 KVA, transfer switches from 40 amps to 3,000 amps, paralleling switchgear and generator set controls.

Our diesel engines, along with their alternators, controllers and generator sets are global technology leaders that are manufactured to the highest standards. Our distributors team in the world at any place is able to support the product in the important aspects of warranty, parts, service and breakdown. Our product designs are driven by goals of low cost of ownership, environmental preservation, uptime and long operating life.

We have a dedicated and fully qualified technical team who are experts in servicing, repairing and rebuilding of engines. The company provides excellent after sales services and are able to supply a wide variety of parts whenever required.

GMDT products are certified under CE, RoHS, TUV, ISO 9000:2008, ISO 14001 :2015. GMDT is a member of Federation of Import/Export Organization under Ministry of Commerce and Industry Government of India.



Diesel Generator Set Product Ratings

3 Phase, 415 V, 50 Hz, 1500 RPM



This Warranty is only applicable on diesel gensets

Prime Power Rating

Genset Model	kVA Rating	Engine Model	BHP	Alternator Frame	Genset Controller
C7.5D5P	7.5	X1.3TAA-G1	23	PI044D	PS0600
C10D5P	10	X1.3TAA-G1	23	PI044E	PS0600
C15D5P	15	X1.3TAA-G1	23	PT044G	PS0600
C20D5P	20	X1.3TAA-G7	25.2	SOL2-M1	PS0600
C25D5P	25	X2.7T-G1	32	SOL2-M1	PS0600
C30D5P	30	X2.7TAA-G2	38.5	SOL2-P1	PS0600
C35D5P	35	X2.7TAA-G7	47.5	S1L2J1	PS0600
C40D5P	40	X2.7TAA-G8	51	S1L2K1	PS0600
C50D5P	50	4BTAA3.3-G11	84	S1L2-R1	PS0600
C62.5D5P	62.5	4BTAA3.3-G11	84	S1L2-Y1	PS0600
C82.5D5P	82.5	4BTAA3.9-G4	110	UCI224G	PS0500
C100D5P	100	6BTAA5.9-G13	159	UCI274C	PS0500
C125D5P	125	6BTAA5.9-G13	159	UCI274V	PS0500
C140D5P	140	QSB5.9-G1	184	UCI274E	PC1.1
C160D5P	160	QSB5.9-G2	206	UCI274F	PC1.1
C180D5P	180	QSB6.7-G14	234	UCI274G	PC1.1
C200D5P	200	QSB6.7-G15	256	UCI274H	PC1.1
C225D5P	225	QSB6.7-G16	280	UCI274K	PC1.1
C250D5P	250	6L8.9TAA-G4	335	UCI274K	PC1.1
C275D5P	275	QSL9-G16	334	HCI444D	PC1.1
C300D5P	300	QSL9-G15	399	HCI444D	PC1.1
C320D5P	320	QSL9-G15	399	HCI444E	PC1.1
C365D5P	365	QSN14-G1	448	HCI444F	PC1.2
C400D5P	400	QSN14-G2	486.5	HCI444F	PC1.2
C500D5P	500	KTAA19-G10	587	HCI544D	PC1.2
C600D5P	600	KTAA19-G12	713	HCI544E	PC3.3
C625D5P	625	KTAA19-G13	739	HCI544F	PC3.3
C650D5P	650	QSK19-G7	828.5	HCI544F	PC1.2
C750D5P	750	KTA38-G12	1069	HCI634W	PC3.3
C810D5P	810	KTA38-G12	1069	HCI634V	PC3.3
C910D5P	910	KTA38-G17	1069	HCI634Y	PC3.3
C1010D5P	1010	KTA38-G5	1180	HCI634Y	PC3.3
C1250D5P	1250	KTA50-G3	1470	HCI634Z	PC3.3
C1500D5P	1500	KTA50-G8-I	1735	PI734C	PC3.3
C1750D5P	1750	QSK50-G10	2000	PI734E	PC3.3
C1825D5P#	1825	QSK50-G10	2000	PI734E	PC3.3
C2000D5P	2000	QSK60-G4	2319	PI734F	PC3.3
C2250D5P	2250	QSK60-G8	2603	PI734H	PC3.3
C3000D5	2750	QSK78-G9	3088	LVS1804T	PC3.3
C3750D5	3350	QSK95-G4	3866	LVS1804X	PC3.3



Advantage Prime Power Rating

Genset Model	kVA Rating	Engine Model	BHP	Alternator Frame	Genset Controller
C440D5AP	440	QSN14-G3	531	HCI544C	PC1.2
C660D5AP	660	QSK19-G6	781.5	HCI544F	PC1.2
C700D5AP	700	QSK19-G7	828.5	HCI544F	PC1.2
C830D5AP	830	KTA38-G12	1069	HCI634V	PC3.3
C900D5AP	900	KTA38-G12	1069	HCI634V	PC3.3
C1400D5AP	1400	KTA50-G3	1646	PI734B	PC3.3
C1925D5AP	1925	QSK50-G10	2200	PI734E	PC3.3
C2000D5AP#	2000	QSK50-G10	2200	PI734E	PC3.3
C2250D5AP	2250	QSK60-G4	2567	PI734G	PC3.3



Standby Power Rating

Genset Model	kVA Rating	Engine Model	BHP	Alternator Frame	Genset Controller
C2500D5	2500	QSK60-G8	2875	P1734H	PC3.3
C2750D5B	2750	QSK60-G22	3152	LVS1804X	PC3.3
C3000D5	3000	QSK78-G9	3404	LVS1804W	PC3.3
C3750D5	3750	QSK95-G4	4351	P80X	PC3.3



DCC (Data Center Continuous) Power Rating

Genset Model	kVA Rating	Engine Model	BHP	Alternator Frame	Genset Controller
C750D5P	750	KTA38-G12	1069	HCI634W	PC3.3
C810D5P	810	KTA38-G12	1069	HCI634V	PC3.3
C1010D5P	1010	KTA38-G5	1180	HCI634Y	PC3.3
C1250D5P	1250	KTA50-G3	1470	HCI634Z	PC3.3
C1500D5P	1500	KTA50-G8-I	1735	PI734C	PC3.3
C2000D5P	2000	QSK60-G4	2319	PI734F	PC3.3
C2250D5P	2250	QSK60-G8	2603	PI734H	PC3.3
C2750D5B	2500	QSK60-G22	3152	LVS1804X	PC3.3
C3000D5	2750	QSK78-G9	3088	LVS1804T	PC3.3
C3750D5	3350	QSK95-G4	3866	LVS1804X	PC3.3



Note: # - With external cooling system

For single phase and other voltage combinations, please contact Cummins Marketing Team.

Gas Generator Sets Product Ratings

3 Phase, 415 V, 50 Hz, 1500 RPM

Continuous Operating Power (Producer Gas)

kWe Rating	Engine Model
70	G855-G
120	GTA855-G
240	GTA1710-G



Lean Burn - Continuous Operating Power (Natural Gas)

kWe Rating	Model	Genset Model	Controller
995	QSK60-G	C995N5C	PC3.3
1160	QSK60-G	C1160N5C	PC3.3
1200	QSK60-G	C1200N5C C	PC3.3
1400	QSK60-G	1400N5C	PC3.3
1540	QSV91-G	C1540N5CB	PC3.3
1750	QSV91-G	C1750N5CB	PC3.3
2000	QSV91-G	C2000N5CB, C2000N5C	PC3.3



*All kVA ratings arrived at 0.8 pf lag

Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528.

Advantage Prime Power (APP): Applicable for supplying power in lieu of reliable utility source in a variable load operations, limited to 750 hours a year. No overload power is available.

Standby Power (SP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source, for maximum of 500 hours per year. Standby Power (SP) is in accordance with ISO 8528.

Continuous Power: Applicable for supplying power continuously to a constant load up to the full output rating for unlimited hours. No sustained overload capability is available for this rating

Data Center Continuous (DCC) Power: Applicable for supplying power continuously to a constant or varying electrical load for Unlimited hours in a data center application.

Note:The ratings mentioned above are subject to change. Kindly contact Cummins Marketing Team for the current ratings.

PRODUCT RANGE

ENGINE

FEATURES:

- Best in class fuel efficiency
- Designed to provide low cost of ownership, simple maintenance and reduced downtime
- Compact size
- Longer engine overhauling period
- Highest horse power in the power generation application segment
- Higher block load capacity
- Fuel pre-filter with water separator



ALTERNATOR



Deep Sea PLC UK (DSE) AMF Controller

Safety for Over / Under Voltage / Frequency / Speed Overload, Canopy Fan Fault, Load Imbalance, Low Lube Oil Pressure, High Cylinder / Water Temperature, Low Fuel Level, Radiator Coolant low, Charging Alternators etc

CONTROLLER

Stamford/Leroy Somer make Alternator

- Brushless type 4-Pole, screen protected, revolving field
- Self excited alternator conforming to IS/IEC 60034-1
- Insulation Class-H
- Standard degree of protection 1p23
- Solid state Automatic voltage regulator
- Integration with epoxy varnish
- Better motor starting capability
- Stator winding design for improved harmonics



AIR CLEANER HOUSINGS



Fleetguard® air housings, air cleaners and intake components meet the needs of over 200 Original Equipment Manufacturers (OEM). Fleetguard leads the way in air filtration technology through state-of-the-art design and manufacturing capabilities worldwide. We have the experience and technical expertise to design air filtration systems that exceed application requirements and maximize system potential. Fleetguard manufacturing facilities around the world produce air filtration systems and are QS 9000, ISO 9001 and/or TS16949 certified.

All performance data displayed in this section is based on ISO 5011/SAE J726 standards.

Fleetguard products are used in a wide variety of markets, including:

- On-Highway - Heavy and Medium Duty Trucks
- Construction and Mining
- Agriculture
- Marine
- Industrial

ULTRA AVR



Features

- Under frequency protection with LED indicator
- Over Excitation Protection with LED indicator.
- Jumper link for 50/60 Hz
- Fuse protection
- Surge voltage protection at input and output.
- High PIV Power devices used for reliable operation.

Per Sensing Input Voltage	Frequency	Output DC Voltage	Output DC Current	Resistance	Regulation
2 Phase (9415 v)+N	50-60 Hz	380v DC	10A DC Forcing 18A DC for 15 Sec.	30 Ohms. Min.	±1%

BATTERY CHARGES



Features

- Short Circuit Protection
- Reverse Polarity Protection
- BOOST Function for Quick Charging
- LED Indicator
- Mounting Options : Screw type
DIN RAIL channel
- Wide Universal Operating Range
- NO and NC Charger fail relay outputs
- High conversion efficiency
- Regulation : $\pm 0.8\%$

Input AC Voltage	Frequency	Output DC Voltage	Output DC Current
95-265 V AC	50/60 Hz	13.7v DC	6 Amper



Features

- Constant output voltage upto 10Amps
- Constant Current down to 4VDC
- Auto Boost
- Short Circuit protection
- Fail (Relay) output
- Reverse connection protection
- Wide range operation voltage
- High temperature protection
- Suitable for Lead Acid battery
- Mounting on DIN RAIL TS-35/7.5

Input AC Voltage	Frequency	Output DC Voltage	Output DC Current
140-275 V AC	50/60 Hz	13.65V DC	10 Amper



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