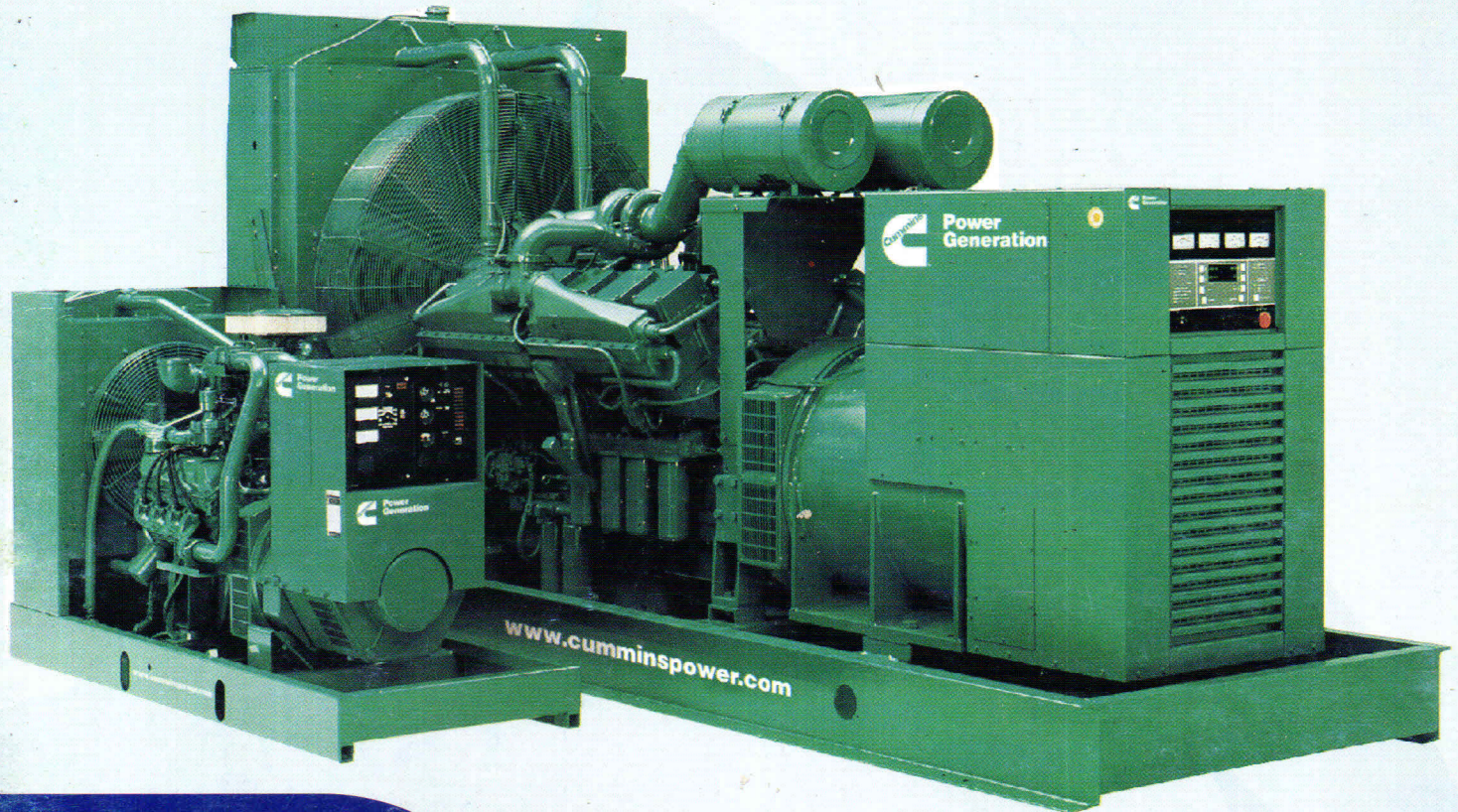


Specialist in :

CUMMINS
Services

Services to :
Industrial Generating Sets.

Ourselves ?



- SALE
- SERVICE
- SPARES



Powertech Generators

SINCE 1996

Powertech Generators & Captipower Engineers

All types : Services, Overhauling & A.M.C.'s etc.

20th Mile Stone, G.T. Road (Near HSEB Power House) Sonapat (Haryana) - 131029

Tel.: 0130-2233065 Mob.: 93548-24454 E-mail : jaiswalpowertech.gen@gmail.com

website : www.powertechgenerator.com

K.K. JAISWAL, (M) : 93548-24452.

Ref. No.

Dated

M/s _____

Kind Attention : Mr. _____

Dear Sir,

We take pleasure in presenting ourselves as one of the well established organisation From 1996 and to provide services to your D.G. sets equipped with Cummins Diesel Engine.

Basically we are technically qualified and Cummins trained / Expert Engineers and have fully skilled & experienced Technicians. We have very strong Service Network having skilled efficient Compact Team. We have and use all the special latest Tools & kits for carry out any of the job for Cummins Diesel Engine.

We have latest know - how and technology for Cummins Diesel Engine. Any Amendments or changes by Cummins India Ltd. Pune, will be circulate and advise to Customers as time to time.

Ultimately we submit our Engine Assembly / Check List. Which we provide to our customers at the time of major job (Overhauls or periodically Checks etc.) Only which is prepared at site by use of latest service tools - kits and equipments required for Cummins Diesel Engine.

All above assembly check which are mentioned in our check list / reports is verified by the customer at site at the time of assembly of engine by us.

Assuring you for above mentioned subjects. Desired for a little opportunity or some minutes for a nice meeting with you. It will be our pleasure to serve you.

With regards

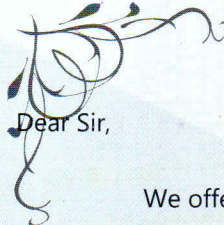
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Options / Confirmation

Dear Sir,

We offer some of our options / confirmations in the favour of our honorable customers to assure for our services.

for your trust and reliability

Three Month Optional Services :-

After availing the facilities of optional services :

If the customer is satisfied - with every respects of services is required to confirm our services / service contract.

If the customer remains unsatisfied - is free to take his decision (may discontinue our services.)

(Note : Customer is requested to pay all payment for this optional services.)

Regarding Spares :-

Completely periodically guaranteed spares :-

The most running spares are the filters - 'B' check service Kit, Air Filters etc.

customer is requested to use our supplied filters / spares against 60% of payments.

- Guaranteed for Completely Service intervals (300 running hours / 6 months)
- At any complaint - fully replacement of parts and services both.

(remaining 40% of payment after getting your Satisfaction within 15 days)

**All the spares - carries standard manufactures guaranty / warranty
or
As per cummins guaranty / warranty standards.**

Under Normal 'Operation & Maintenance Conditions' of Engine.

Free Replacement With out delay having no comments :-

For availing all the guaranty and warranty customer is requested to follow all the terms and conditions printed on the back of quotation form.

We also take our job guaranty and to give load trial up to customer's satisfaction at maximum (80-85%) Capacity.

The Most Economical Sources to Maintain your Generator set.

Think over please, in our favorable consideration.

**Powertech Generators
&
Captipower Engineers**



Facilities :

- Annual Maintenance Service Contract (AMC's).
- Long Term - Trouble Free Services.
- Genuine Spares.
- Hole-set Turbochargers.
- AVM Pads (Vibrations Control System).
- Heat Exchanger & Residential Silencer.
- Coil Cooler & Cooling Tower.
- Low Estimation.
- Emergency Services 'Round the Clock'
- Free Consultancy.
- 'Recon' Components & assemblies.
- 'Recon' of D.G. Sets.
- A unique facility to minimise repowering time.
- Mobile workshop - A concept at Your Door - Step Services.

Highlights :

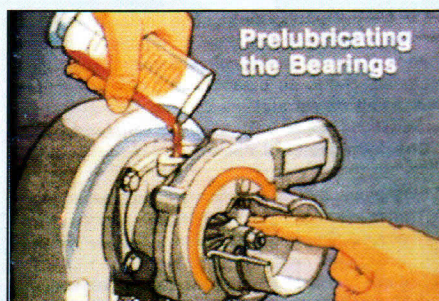
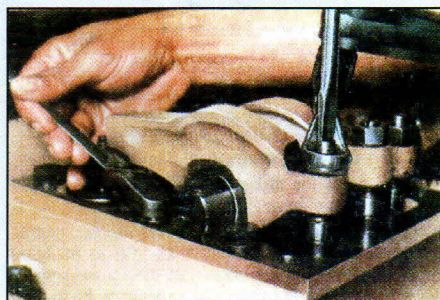
- Strong Service Network.
- Qualified Cummins Experts & Result Oriented Engineers.
- Efficient Skillness with 'Compact Team Work'
- Latest know-how.
- Latest Tools & Equipments.
- Correct Fault - Finding & Successful Remedies.
- Exact Calculations & Real Time Report.
- Smaller parts Inventory - reduces Maintenance Repair Cost & Down Time.
- Total Customer Satisfaction (T.C.S.)

Moreover :-

- **We assure you we will be able to prove ourselves -**
- To provide you better services at considerable low cost.
- To be much helpful to reduce running & maintenance cost to your Gen.set

Maintenance Steps for Cummins Engines :-

- Keep dirt out of the Engine.
- Maintain a lubricating film on all bearing surfaces.
- Regulate the engine's Fuel.
- Control operating temperature.
- Guard against corrosion.
- Let the engine breathe.
- Prevent over speeding.
- Know your engine's condition.
- Correct troubles while they are simple.
- Schedule and control your maintenance.



Turobo - Charger



Coil-Cooler

TECHNICAL DATA OF CUMMINS GENERATOR SETS

KVA	70	82.5	100	125	140	160	180	200	250	320	380	500	625	750	1010	1250	1500
KW	56	66	80	100	112	128	144	160	200	256	304	400	500	600	808	1000	1200
AMP.	98	115	139	174	195	223	250	278	348	445	528	695	869	1043	1405	1740	2085
MODEL	4BTA3.9-G3	4BTA3.9-G4	6BTA5.9-G13	6BTA5.9-G13	Q585.9-G1	Q585.9-G2	Q586.7-G11	Q586.7-G12	Q5L9-G16	Q5L9-G15	QSN 14-G2	KTA19-G10	QSK 19 - G6	KTA 38 - G10	KTA 38 - G5	KTA 50 - G3	KTA 50 - G8-1
NO. OF CYLINDERS	4, In - line	4, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	6, In - line	12 Vee	16 Vee	16 Vee
Bore X Stoke (mm)	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	107 x 124	107 x 124	114 x 145	114 x 145	140 x 152	159 x 159	159 x 159	159 x 159	159 x 159	159 x 159	159 x 159
ASPIRATION	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A	T / A
Compression Ratio	18:1	18:1	16.5:1	16.5:1	16.5:1	16.5:1	17.2:1	17.2:1	16.1:1	16.1:1	16.5:1	16.7:1	15.8:1	16.7:1	13.9:1	13.9:1	14.9:1
Displacement (Lts)	3.9	3.9	5.9	5.9	5.88	5.88	6.7	6.7	8.9	8.9	14	19	19	38	37.8	50.3	50.3
Fuel Consumption (Lts/Hr) @ 75% load	13.64	15.23	18.4	22.4	24.85	28.41	33.76	36.8	42.57	54.75	66.15	81.59	100.06	130.86	153	190	231
with radiator & fan @ 100% load	18.34	20.3	-----	-----	33	36.9	41.42	45.76	56.2	66.48	84.51	106.28	127.7	165.40	204	251	301
Total wet weight engine + Radiator) Kg.	450	450	-----	-----	552	552	639	639	961	961	1706	2300	2500	4436	6000	6824	7205
Lubrication system capacity (Lts)	16	16	19	19	15.7	15.7	19.5	19.5	34	34	38.6	50	84.4	155	145	177	177
Coolant capacity (Engine+Radiator) (Lts)	19	19	26	26	25.6	25.6	32.4	32.4	36.8	36.8	51	85	97	330	260	440	510
Exhaust Pipe size (inch)	3.5	3.5	4	4	4	4	5	5	6	6	6	10	10	2 x 10	2 x 12	2 x 12	2 x 12
Alternator specifications	make	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Frame	UC1224F	UC1224F	UC1274C	UC1274V	UC1274E	UC1274F	UC1274G	UC1274H	UC1274K	HC 144.4E	HC 144.4F	HC 154.4D	HC 154.4F	HC 163.4W	HC 6V	HC K 6Z	PT734C
Output voltage & Frequency (V & Hz)	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz
Starting System Electrical	12VDC	12VDC	12VDC	12VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
BHP @ 1500 RPM	89	105	127	154	173	205	231	280	340	380	450	600	750	890	1283	1470	1608
Enclosure Dimension (mm)																	
Length	3850	3850	4000	4000	4000	4000	4200	4200	4800	4800	5500	6000	6500	8000	5660	6165	6090
Width	1150	1150	1150	1150	1150	1150	1350	1350	1500	1500	1900	2000	2010	2600	2205	2235	2075
Height	1700	1700	1850	1850	1850	1850	1850	1850	2025	2025	2150	2250	2800	3000	2686	2877	2850
Weight Kgs - wet	1915	1915	2200	2200	2565	2603	2704	2704	4065	4350	6165	7600	9029	9500	9700	10800	12250

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TECHNICAL DATA OF CUMMINS GENERATOR SETS

KVA	62.5	82.5	100	125	140	160	180	200	250	320	380	500	625	750	1010	1250	1500
KW	50	66	80	100	112	128	144	160	200	256	304	400	500	600	808	1000	1200
AMP.	87	115	139	174	195	223	250	278	348	445	528	695	869	1042	1405	1740	2085
MODEL	S3.8 G7	68T5.9G14	68TAS.9G5	68TAA5.9G3	68TAA5.9G4	68TAA5.9G5	68TAA5.9G6	68TAA5.9G7	68TAA5.9G8	68TAA5.9G9	68TAA5.9G10	68TAA5.9G11	68TAA5.9G12	68TAA5.9G13	68TAA5.9G14	68TAA5.9G15	68TAA5.9G16
NO. OF CYLINDERS	4 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
Bore X Stoke (mm)	97 x 128	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120
ASPIRATION	TA	T	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA
Compression Ratio	17.5:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1	17.6:1
Displacement (Lts)	3.8	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88
Fuel Consumption (Lts/Hr)	10.8	14.3	16.9	20.8	22.9	29	29.9/39	31.5 x 42.8	40.8/53.3	51.1/66.6	58.2/76	77.4/101.8	98.6/131	121.4/159.3	153/204	190/251	231/301
@ 75% / 100% load (with Radiator & Fan)																	
Total wet weight engine + Radiator Kg.	--	--	--	--	--	--	776	892	968	1620	1620	2687	3354	4910	6000	6824	7205
Lubrication system capacity Lts	9	14.3	14.3	14.3	14.3	14.3	22	22	32	38.6	38.6	55	95	145	145	177	177
Coolant capacity (Engine+Radiator) Lts	10.5	24	24	26	26	26	30	32	42	95	76.8	175	190	300	260	440	510
Alternator Specification	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Make	UC1244F	UC1224G	UC1274C	UC1274V	UC274E	UC274F	UC27G	UC27H	HC4C	HC4E	HC4F	HC5D	HC5F	SC6W	HC6Y	HCK6Z	PI734C
Model	UC1244F	UC1224G	UC1274C	UC1274V	UC274E	UC274F	UC27G	UC27H	HC4C	HC4E	HC4F	HC5D	HC5F	SC6W	HC6Y	HCK6Z	PI734C
Output Voltage & Frequency (V & Hz)	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz	415V, 50Hz
Starting System - Electrical	12V, DC	12V, DC	12V, DC	12V, DC	12V, DC	12V, DC	12V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC	24V, DC
Enclosure Dimensions (mm)																	
Length	2950	3850	4000	4000	4000	4500	4500	4500	4650	5300	5300	6500	7000	4710	5660	6165	6090
Width	1150	1150	1150	1150	1150	1500	1500	1500	1700	1500	1500	2000	2500	1500	2205	2235	2075
Height	1575	1700	1700	1700	1700	1850	1850	1850	2050	2025	2025	2300	2925	2233	2686	2877	2850
Weight Kgs - wet	1681	2280	2291	2291	2291	3028	4252	4710	5424	5995	6155	9045	10500	7900	9700	10800	12250
Exhaust pipe size (m.m)	1 x 75	1x100	1x100	1x100	1x100	1x100	1x100	1x100	1x125	1x125	1x150	1x250	2x125	2x250	2x300	2x300	2x300

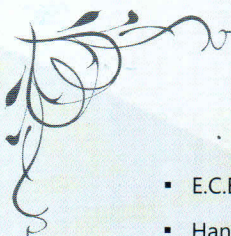
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Our Valuable Clients :

- E.C.E. Industries Ltd.
 - Handas Rubbers Pvt. Ltd.
 - Chemisales
 - Golden Insulation & Engineering Co.
 - Mahesh Wood Products Pvt. Ltd.
 - Raj Katha Products (P.) Ltd.
 - Neelam Tyre Pvt. Ltd.
 - Arjan Impex Pvt. Ltd., Malik pur Unit.
 - Arjan Impex Pvt. Ltd., Dhatoori Unit.
 - Medium Packaging Pvt. Ltd.
 - Rubber Reclaim Company of India Ltd.
 - Roulands Breaking India (P.) Ltd.
 - Essma Felts Ltd.
 - Hindustan Unilever Ltd.
 - Startrack Fastners (P.) Ltd.
 - Yash Raj Containeures Ltd.
 - Kiran Overseas Export
 - R.K.S. Export
 - S.K. Forging
 - East India Drum & Barrel Manufacturing Co.
 - Sabarwal Food Industries Ltd.
 - Kafila Forge Ltd.
 - Kayzer Flexibles (P.) Ltd.
 - Kayzer Monopack (P.) Ltd.
 - Lalgı Polyrex Pvt. Ltd
 - Kufri Ice & Cold Storage
 - D.K. Power Engineers
 - Magppie International
 - Mapple Industries
 - Swastik Polyvinyl Pvt. Ltd.
 - Bisan Laces Pvt. Ltd.
 - Sriteg Knitters Pvt. Ltd.
 - Rydermatic Bewel Gears Pvt. Ltd.
 - R.K. International
 - Shruti Print Pack
 - Eurospa Terry Towels Pvt. Ltd.
- 

Sound Proof System of D.G. Set & D.G. Room :-

- Acoustic Treatment of D.G. Room.
- Canopy - Sound Proof Acoustic Enclosure for D.G.
- Achieve Sound Level 75db(A) at 1 meter distance (As per P C B norms).
- Sound Proof Doors & Coaxial fans.
- Cladding of exhaust & steam line.
- Ducting of D.G. Set & insulation job.

Sale & Purchase of new & old D.G. sets.

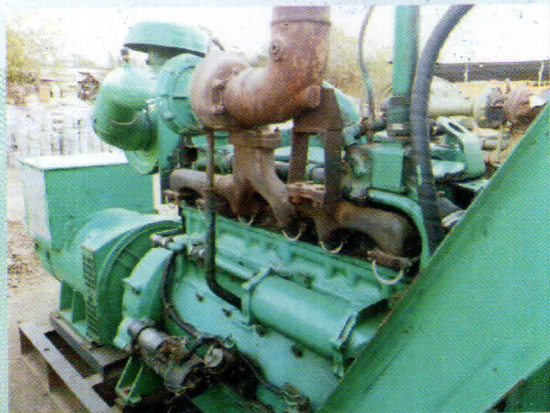
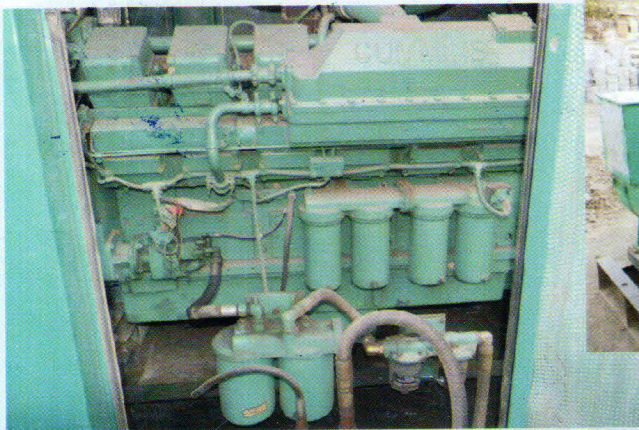
New D.G. sets :- Cummins Diesel Generators.

D.G. Sets on Rent

Installation & Commissioning of D.G. Sets.

Electrical :-

- Electrical Installation.
- Alternator Repair.
- A.M.F. Panel, Control Panel, P.F. Control Panel.
- Servo Voltage Stabilizer (S.V.S.)
- Earthing Pits.



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