www.harisongenerators.com

HARISON

WE PROVIDE

CORE STRENGTH

MORE THAN JUST BACKUP

LATEST CPCB IV+ EMISSION COMPLIANT

SALIENT FEATURES OF OUR GENERATORS

* OPERATABLE FROM MOBILE (ABOVE 82.5KVA) (OPTIONAL TILL 62.5KVA)
* ACOUSTIC ENCLOSURE
* ELECTRONIC GOVERNER
* SILENT & COMPACT
* BATTERY CHARGER
* MULTI FUNCTIONAL DIGITAL DISPLAY METER

Safety Trips

* UV/OV Safety Trip
* Under/Over RPM Safety Trip
* LLOP Satey Trip
* LFL Safety Trip
* HWT Safety Trip
* Emergency Stop Push Button

Many other Engine and Electrical Safety Trips Avialable

in association with

KOHLER | mecc alte | LEROY SOMER | Crompton Greaves

HARISON GENERATORS PRIVATE LIMITED
Plot No. 81, Daulatpur Industrial Area, Near Focal Point, Near Daulatpur Primary School, Patiala (147002)
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Toll Free: 1800 121 5351

HARISON DIESEL GENERATORS

Harison generators is one of the most recognized and successful manufacturer of diesel generators in India. The company's growth is based on a simple approach providing rapid and comprehensive customer service, whatever the requirement and wherever in the globe it may be. Harison's manufactur - ing plant features industry's leading technology and component handling equipment. Custom designed acoustic testing rooms and pre- delivery testing stations ensure that all the new generators leave the factory ready for the customer. Harison generators is a leading manufacturer of wide range of silent diesel generators with Latest Technology. Situated in Punjab India, we have constructed a wide and well functional infra-structural unit that plays an important role in the growth of our company. We offer these products at reasonable price and deliver these within the promised time-frame.We provide a wide range of power generstors acoustically enclosed, fully designed and capable of excellent performance on all types of loads. Harison's commitment to provide service led solutions has established the company not just as one of the leading genset manufacturers in India, but also as a system designer and an installer, with a team of engineers providing 24/7 maintenance for all types of customers.

We are certified by:

ISO 9001:2015	ISO 14001 : 2015	CPCB IV+
ISO 45001:2018	ISO 3046-1 : 2002	ICAT
ISO 8528	EN/EIC 60034-1 : 2010	ARAI

CE (Certificate of Compliance)

WE ARE CERTIFIED BY :

Note :

* Specifications are subject to change without prior notice due to continous research & Development.
* All the specifications are at standard NTP operating conditions.
* Our generators are equipped with controlled devices with both automatic as well as manual features.
* Fuel consumption are noted at standard conditions and may vary than mentioned.

TECHNICAL SPECIFICATION FOR DURKATOSERIES

GENERATOR SET SPECIFICATIONS		D.G. SET COMPLIANT CPCV IV +								
	KVA	25	30	35	40	45	50	58.5	60	62.5
PRIME POWER RATING	KW	20	24	28	32	36	40	46.8	48	50
PHASE	NO.	1P/3P	1P/3P	1P/3P	1P/3P	1P/3P	3P	3P	3P	3P
RATED CURRENT	AMPS	109/35	131/42	152/49	174/56	195/63	70	81.5	83.5	87
GEN SET MODEL		HG25KVA	HG30KVA	HG35KVA	HG40KVA	HG45KVA	HG50KVA	HG58.5KVA	HG60KVA	HG62.5KVA
VOLTAGE	VOLTS	230(1P)/ 415(3P)	230(1P)/ 415(3P)	230(1P)/ 415(3P)	230(1P)/ 415(3P)	230(1P)/ 415(3P)	415 (3 PHASE)	415 (3 PHASE)	415 (3 PHASE)	415 (3 PHASE)
POWER FACTOR		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
FUEL CONSUMPTION	LITRES @ 100%	6.6	7.9	9.3	10.6	11.9	13.3	15.5	16	16.6
	LITRES @ 75% LOAD	4.9	5.9	6.9	7.9	8.9	9.9	11.6	11.9	12.4
	LITRES @ 50%	3.3	3.9	4.6	5.3	5.9	6.6	7.7	7.9	8.3
BATTERY STARTING VOLTAGE	VOLTS	12	12	12	12	12	12	12	12	12
ENGINE SPECIFICATIONS										
ENGINE MAKE		H		A		R	I	S	O	N
ENGINE MODEL		HG2P2R2MIV	HG2P2R2MIV	HG2P2R2MIV	HG3P0R4MIV	HG3P0R4MIV	HG4P4R5MIV	HG4P4R5MIV	HG4P4R5MIV	HG4P4R5MIV
CAPACITY OF ENGINE		3170	3170	3170	3170	3170	3170	3170	3170	3170
RATED OUTPUT @100%LOAD		40	40	40	53.5	53.5	73.5	73.5	73.5	73.5
NUMBER OF CYLINDERS		4	4	4	4	4	4	4	4	4
NO OF STROKES		4	4	4	4	4	4	4	4	4
BORE*STROKE		98*105	98*105	98*105	98*105	98*105	98*105	98*105	98*105	98*105
RATED SPEED		1500	1500	1500	1500	1500	1500	1500	1500	1500
LUBE OIL SUMP CAPACITY		6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
COOLING SYSTEM		L I Q U I D C O O L E D								
TYPE OF GOVERNER		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
GOVERNER CLASS		A1	A1	A1	A1	A1	A1	A1	A1	A1
BATTERY CAPACITY	AH	80	80	80	90	90	100	100	100	100
OVERLOAD CAPACITY	Percentage	10% OVER LOADING IS ALLOWED AFTER EVERY 12 HOURS OF CONTINUOUS RUNNING								
COOLANT CAPACITY	liters	10	10	10	22	22	22	22	22	22
ALTERNATOR SPECIFICATIONS										
MAKE		L E R O Y S O M E R / M E C C L A T E								
RATING		25	30	35	40	45	50	58.5	60	62.5
POWERFACTOR		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
TYPE		B R U S H L E S S - I P 2 3 W I T H A V R								
VOLTAGE	VOLTS	230 (1 PHASE)/ 415 (3 PHASE)	230 (1 PHASE)/ 415 (3 PHASE)	230 (1 PHASE)/ 415 (3 PHASE)	230 (1 PHASE)/ 415 (3 PHASE)	230 (1 PHASE)/ 415 (3 PHASE)	415 (3 PHASE)	415 (3 PHASE)	415 (3 PHASE)	415 (3 PHASE)
RATEDSPEED	rpm	1500	1500	1500	1500	1500	1500	1500	1500	1500
FREQUENCY	Hz	50	50	50	50	50	50	50	50	50
VOLTAGE REGULATIONS		VG3	VG3	VG3	VG3	VG3	VG3	VG3	VG3	VG3
CLASS OF INSULATION		H-Class	H-Class	H-Class	H-Class	H-Class	H-Class	H-Class	H-Class	H-Class
CONTROL PANEL		WITH IN BUILT AMF WITH ATS AND MANUAL OPTIONS*								
WAVE FORM DISTORTION/ TOTAL HARMONIC DISTORTION		NO LOAD <1.5% NON DISTORTION BALANCED LINEAR LOAD 5%								
TELEPHONIC HARMONIC FACTOR		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
ACOUSTICS SPECIFICATIONS DISTORTION										
NOISELEVEL		≤75DB@METER DISTANCE								
LENGTH	mm	1930	1930	2135	2135	2135	2135	2135	2135	2135
WIDTH	mm	980	980	1090	1090	1090	1090	1090	1090	1090
HEIGHT	mm	1350	1350	1350	1350	1350	1350	1350	1350	1350
FUEL TANK CAPACITY	Litres	100	100	100	100	100	165	165	165	165
APPROX. NET WEIGHT	kg	890	940	965	1150	1155	1175	1220	1220	1220

MORE THAN JUST BACKUP