

HARRISON

www.harrisongenerators.com

WE PROVIDE

CORE STRENGTH

MORE THAN JUST BACKUP

LATEST CPCB IV+
EMISSION COMPLIANT



in association with



HARRISON GENERATORS PRIVATE LIMITED

Plot No. 81, Daulatpur Industrial Area, Near Focal Point, Near Daulatpur Primary School, Patiala (147002)

www.harrisongenerators.com | info@harrisongenerators.com

Toll Free: 1800 121 5351

* OPERATABLE FROM MOBILE (ABOVE 82.5KVA)
(OPTIONAL TILL 62.5KVA)

* ACOUSTIC ENCLOSURE

* ELECTRONIC GOVERNER

* SILENT & COMPACT

* BATTERY CHARGER

* MULTI FUNCTIONAL DIGITAL DISPLAY METER

SALIENT FEATURES OF OUR GENERATORS

Safety Trips

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

Many other Engine and Electrical Safety Trips Available

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NEVER HALT YOUR OPERATIONS
DUE TO POWER FAILURE

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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 manufacturing 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 generators 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 continuous 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 SPECIFICATION		7.5	10	15	20
PRIME POWER RATING	KVA	6	8	12	16
PHASE	NO.	1P/3P	1P/3P	1P/3P	1P/3P
RATED CURRENT	AMPS	32/10	44/14	65/21	87/28
GEN SET MODEL	HG15KVA	HG20KVA	HG30KVA	HG45KVA	HG60KVA
VOLTAGE	230(P)/415(S)	230(P)/415(S)	230(P)/415(S)	230(P)/415(S)	230(P)/415(S)
POWER FACTOR	0.8	0.8	0.8	0.8	0.8
FUEL CONSUMPTION	LITRES @ 100%	2.6	2.8	3.1	4.2
	LITRES @ 75%	1.7	1.9	2.3	3.1
	LITRES @ 50%	1.3	1.5	1.9	2.1
BATTERY STARTING VOLTAGE	VOLTS	12	12	12	12
ENGINE SPECIFICATIONS					
ENGINE MAKE	H	A	R	I	S
ENGINE MODEL	HG15RMIIV	HG20RMIIV	HG30RMIIV	HG45RMIIV	HG60RMIIV
CAPACITY OF ENGINE	cc	2678	2678	2678	2678
RATED OUTPUT @100%LOAD	bhp	24.8	24.8	24.8	24.8
NUMBER OF CYLINDERS	Number	4	4	4	4
NO OF STROKES	Number	4	4	4	4
BORE-STROKE	mm	90*105	90*105	90*105	90*105
RATED SPEED	rpm	1500	1500	1500	1500
LUBE OIL SUMP CAPACITY	liters	6.2	6.2	6.2	6.2
TYPE OF ASPIRATION	NATURALLY ASPIRATED				
COOLING SYSTEM					
TYPE OF GOVERNER	Mechanical/Electronic	Mechanical/Electronic	Mechanical/Electronic	Mechanical/Electronic	Mechanical/Electronic
GOVERNER CLASS	A1/A2	A1/A2	A1/A2	A1/A2	A1/A2
BATTERY CAPACITY	AH	80	80	80	80
OVERLOAD CAPACITY	Percentage	10% OVERLOADING IS ALLOWED AFTER 10 HOURS OF CONTINUOUS RUNNING			
COOLANT CAPACITY	liters	8	8	8	8
ALTERNATOR SPECIFICATIONS					
MAKE	LEROY SOMER / MECCLATE				
RATING	KVA	7.5	10	15	20
POWERFACTOR	Lagging	0.8	0.8	0.8	0.8
VOLTAGE	TYPE	BRUSHLESS - IP 23 WITH AVR			
RATED SPEED	rpm	1500	1500	1500	1500
FREQUENCY	Hz	50	50	50	50
VOLTAGE REGULATIONS	VEG	VEG	VEG	VEG	VEG
CLASS OF INSULATION	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%				
ACOUSTICS SPECIFICATIONS DISTORTION	<2%				
NOISE LEVEL	<2%				
LENGTH	mm	1800	1800	1800	1800
WIDTH	mm	900	900	900	900
HEIGHT	mm	1250	1250	1250	1250
FUEL TANK CAPACITY	Litres	50/90	90	90	90
APPROX. NET WEIGHT	kg	675	690	740	800

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