

k•rloskar

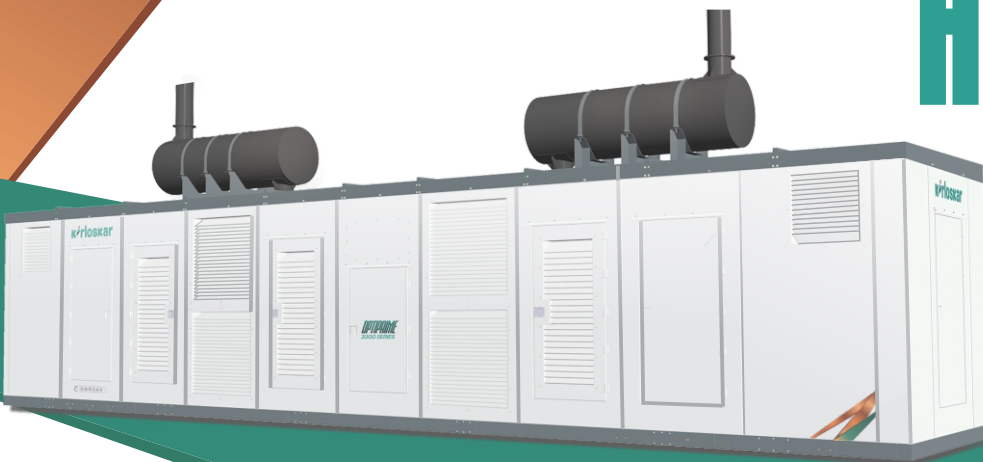
Oil Engines

TO THOSE WHO
POWER LIFE, WE SAY

MAY THE

POWER

**ALWAYS BE
WITH YOU**



OPTIPRIME

1500 Series

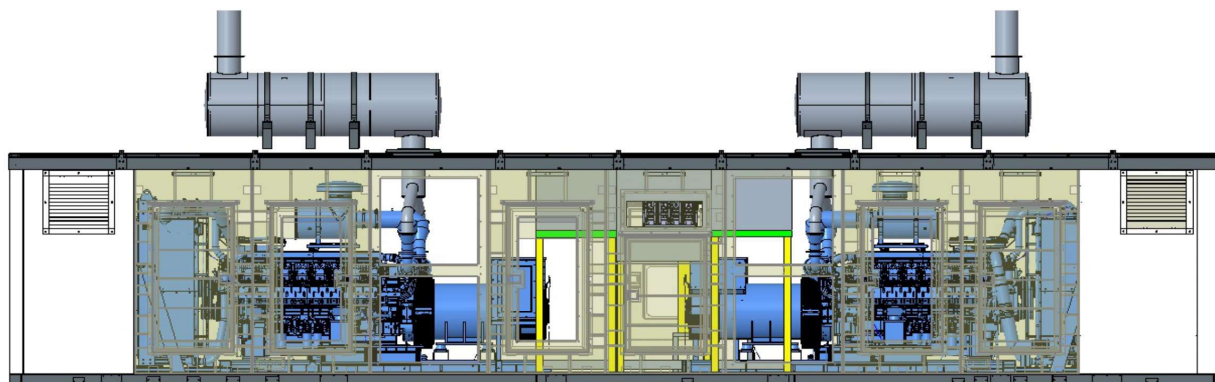
BETTER POWER FOR A *limitless* TOMORROW

OPTIPRIME GENSET TECHNICAL SPECIFICATION

Optiprime Genset Technical specification		Unit	1500 (750 x 2)
Prime Rating at rated rpm (as per ISO8528)		kVA	750 x 2
		kW	600 x 2
Voltage		V	415
Frequency/Power factor			50HZ/0.8 lagging
Overall dimensions of Genset^	Length	mm	12000
	Width	mm	2304
	Height (Without Silencer)	mm	2756
Engine			
Engine Model			DV12ETA 4G2
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	662 x 2
		HP	900.6 x 2
Number of Cylinders		Numbers	12 x 2
Cubic Capacity		Ltrs.	23.88 x 2
Aspiration			TA
Coolant Capacity		Ltrs.	175 x 2
Lube Oil change period		hrs.	500
Lube oil Sump Capacity		Ltrs.	73 x 2
DEF/Adblue Capacity		Ltrs.	(45 x 2) x 2
Alternator			
Insulation Class			Class H
Alternator Efficiency (at 100% load) 0.8 pf**		%	94.7
Max Voltage Dip at Full Load 0.8 pf Lag		sec	<20%
Synchronization Panel			
Incoming breaker			Standard
Outgoing breaker			Not Available
Synchronization Contrller			KG 1500
Notes			
^ Tolerances Apply			
** Efficiency of Alternator as per standards IEC60034-1			

OPTIPRIME Features

- Optimum power
- Lower Product Footprint - gives you 20% reduction in space
- Optimal efficiency
- Better flexibility
- Optimised fuel consumption
- Lower your cost of ownership
- Twin Hybrid power packs and in-built synchronisation



2 X Power: Innovation combined with Optimal Efficiency

Optimum Power :

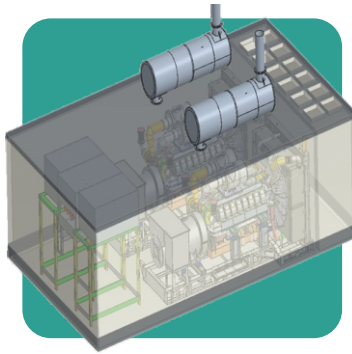
- Allows 25% to 100% loading
- Auto load monitoring and sharing

Optimum Footprint :

- Reduction in footprint

Optimum Saving :

- Best in class fuel consumption
- Optimized fuel Consumption at varied load

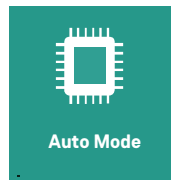


- Multiple configuration options available based on customer and site requirements
- Common Power output to load
- Single package solution
- Power redundancy
- Enhance Reliability
- Ease of handling and transportation

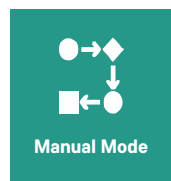
Combining innovation with efficiency



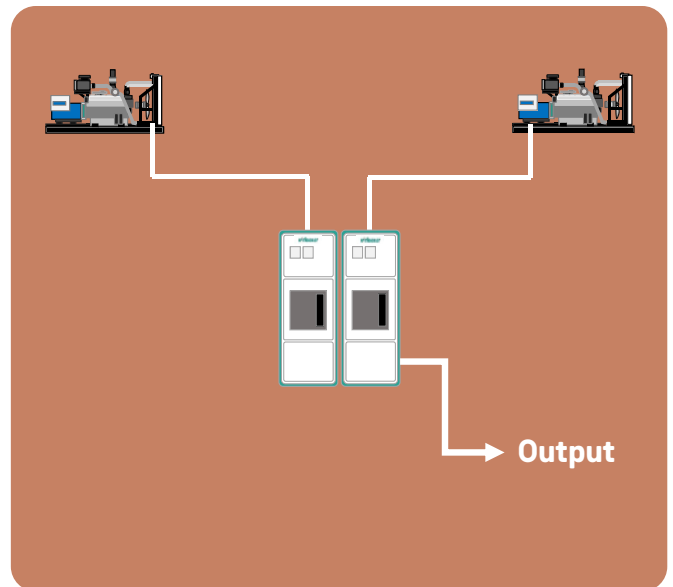
- One Master One Slave
- Logic / power sharing with equal rating of kVA & frequency
- Inbuilt AMF Capable Controllers
- DG sets can be operated in two modes: Auto mode & Manual mode



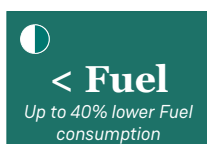
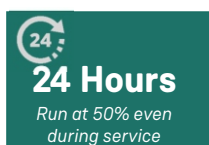
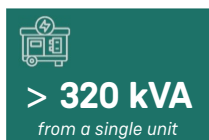
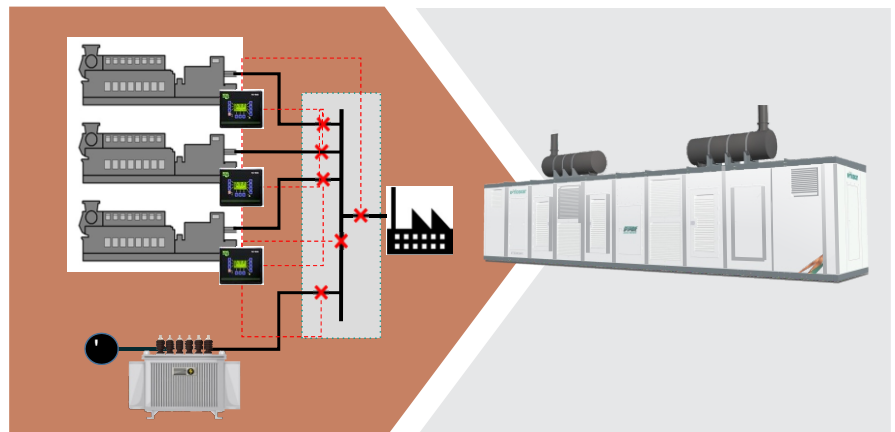
- Both DG to start in Synch within 30 sec.
- Load monitoring for 180 sec
- Continuous load monitoring
- Load transfer when load goes down below 70%
- Fully programmable



- Manual Operation possibility in case of urgency
- During service schedule



- Single unit for Genset controller & Synchronization Controller
- Genset Monitoring
- Engine Protection
- Alternator Protection
- Breaker Monitoring
- In built Load Sharing Module
- In built Neutral Interlocking Logic
- Run-Up Synchronization



We understand your need for power; but do your power needs ever change? The Kirloskar custom solutions- "Optimus" is perfect for applications that have variable power needs, whether that's due to the time of day or the current usage requirements.

Fully loaded, the "Optimus" solves load low issues and reduces fuel consumption and CO2 emissions up to 40% on variable load applications, thanks to the centralized control panel with an integrated Power Manager System that switches on/off the two power packs according to the load required.

The "Optiprime" can be used as a single unit, two different ones, prime and standby in the same box

EFFICIENCY. INTEGRATED

A KIRLOSKAR PROMISE

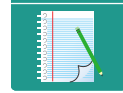
Efficient Products

- India's first IoT enabled digital genset
- Designed for convenient user experience
- Best-in-class fuel efficiency delivered
- Compact design & long life product
- Optimized consumption of lubricant oil
- Optimized total cost of ownership (TCO)
- All products tested before delivery

EFFICIENT PRODUCTS



EFFICIENT SOLUTIONS



Efficient Solutions

- Load sizing for every single genset order
- One stop power back-up solutions
- Serves complete application gamut
- Highly trained & experienced team
- Non-conventional solutions (bio-diesel)
- Specific solution for harsh environments
- Exhaust mgmt., foundation, cabling etc.

Efficient Service

- India's widest service dealer network
- Kirloskar connect-self-service application
- eFSR-Electronic field service report
- Over 6000 trained service engineers
- Over 600,000 machines under care
- 98%+ parts available at each outlet
- Flexible & economical AMC-Bandhan

EFFICIENT SERVICE



EFFICIENT NETWORK



Efficient Network

- Consistent, reliable & long-established
- 250+ expert touch points across India
- 500+ solution oriented professionals
- Uniform customer experience across
- Central system for enquiry to PRF
- Fair trade practices & Price transparency

Efficient Deliveries

- Cost-effective deliveries guaranteed
- Assured 7-day delivery of gensets
- Supports project management system
- Reduced working capital for customer
- Award-winning replenishment model
- Assurance of FRESH products always

EFFICIENT DELIVERIES



EFFICIENT 24X7 CARE



Efficient 24X7 Care

- 24 X 7 operational customer care centre
- Team of over 70 trained & focused exec.
- Tracking every service request till closure
- Centrally maintained CRM for all requests
- Satisfaction call after every SR closure
- Central sales lead tracking system
- Continuous NPS and CDI measurement



Infrastructure



Industry



IT/ITES



Hospitality



Health



Reality



Government



Logistics

kirloskar
Oil Engines



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Stamp of
Authorised
Representative