

POWER YOUR FUTURE

YTO Generator LG40YTO

LR4B5-D

Prime Power: 40KW/50KVA

Standby Power: 44KW/55KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

YTO Series

30KVA--400KVA



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Technical Data

LG40YTO

Model	LG40YTO	
Rated prime power	kva	50
Rated standard power	kva	55
Rated voltage line to line	V	400/230
Rated current	A	72
Maximun sound level	dB(@7m)	≤72

Engine-YTO		
Model	LR4B5-15	
Air intake system	Nature inhaling air	
Fuel injection system	Direct Inject	
No. cylinders	4	
Displacement	Liquid	4.95
Bore*Stroke	mm	108*135
Compression ratio	17	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	48
Governor type	Mechanical	
Start Motor	V	12

Exhaust System		
Exhaust gas flow	m³/min	/
Exhaust gas temp	°C	/
Max back pressure	kPa	≤6

Air Intake System		
Max inlet restriction	kPa	≤5
Consumption	m³/min	/
Air flow	m³/min	/

Fuel System		
100% load(Prime power)	L/h	13.3
75% load(Prime power)	L/h	9.9
50% load(Prime power)	L/h	6.7
Fuel tank capacity	L	125

Lubrication System		
Total system oil capacity	L	4
Oil temperature maximum to bearings	°C	115
Min oil pressure	kPa	294-490
(Governed Speed)		

Cooling System		
Total coolant capacity	L	6
Thermostat	°C	65-80
Max top tank temperature	°C	99

Alternator		
Model	LONGKAI	LK224D
	STAMFORD	UCI224D
Phase	3	
Voltage	V	400/230
Wiring Type	3 Phase 4 wire, Y type	
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KVA	60
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller-DEEPSEA	
Model	DSE6120

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options



- Auto generator control module
- Control module with "Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

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