

# Yunnei Stage V Generator

Prime: 44KW/55KVA  
Standby: 50KW/60KVA



**SAFETY**

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

## Technical Data

Model: Yunnei - Y60		DPX-19884
Prime power	kva	55
	kw	44
Standby power	kva	60
	kw	48
Rated voltage line to line	V	400
Rated current	A	79,2
Maximun sound level for Silent	dB@7m	72

## GENERATOR 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.

## Engine-Yunnei

Model		DEF30CAA5
Aspiration		Upright,Tdi-turbo,Hydrocooling,Four-stroke , ,Supercharged and Mid-cooling,Electrically controlled high voltage common rail
No. cylinders		4
Displacement	L	3
Bore*Stroke	mm	95x105
Rated power	kw	55
Standby Power	kw	60,5
Rated speed	r/min	1500
Governor		ECU
Engine wet weight	kg	260±10
Engine idel speed	rpm	800±30
Fire order		1-3-4-2
Start Motor	V	24
Fly house dimension		SAE 3#
Engine size	mm	778x665x758
Adaptive temperature	℃	-15---45
Discharge stage		Meet EU stage 5 of amendments to UN Regulation

## Exhaust System

Maximum permissible exhaust gas pressure	kPa	10
Turbocharger type		JP10
Emission technology route		Supercharged and Mid-cooling+EGR+DOC+DPF

## Air intake System

With dry air filter resistance		/
Air filter	m3/h	/
Prefilter	m3/h	/

## Fuel System

110% load(Standby power)	L/h	15
100% load(Prime power)	L/h	13,3
75% load(Prime power)	L/h	9,6
50% load(Prime power)	L/h	6,4
25% load(Prime power)	L/h	3,6
Fuel capacity for silent genset	L	300

## Lubrication System

Lubrication System		Pressure and Splash
Oil pump		rotor pump
Power point oil pressure	Kpa	177,8
Oil standard		≥CJ-4

## Cooling System

Type of cooling		hydrocooling
Pump Flow	L/min	≥130
Pump head	m	≥8
Initial opening temperature of thermostat	°C	72±2
Thermostat full open temperature	°C	84
Fan	mm	φ490

## Standard Features

Engine(Yunnei ENGINE)	●
Radiator 50°C max,fans are driven by belt	●
12V/24V charge alternator	●
Alternator: single bearing alternator IP23	●
insulation class H/H	●
Standard auto control system	●
One set of air filter, fuel filter, oil filter	●
Main line circuit breaker / ACB	●
Base fuel tank	●
Batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●
Water heater	●

## Options

Alternator heater	<input type="radio"/>
PMG	<input type="radio"/>
Water oil separator	<input type="radio"/>
Daily fuel tank	<input type="radio"/>
Remote control panel	<input type="radio"/>
Automatic transfer switch/ATS	<input type="radio"/>
Switch box	<input type="radio"/>
Standard: ●	Options: ○

## Alternator

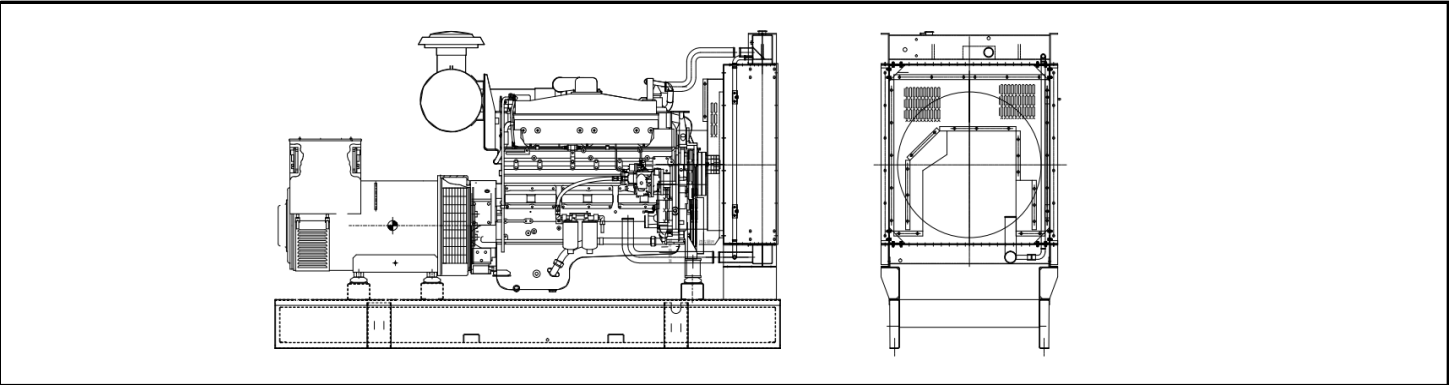
Model		TAL-A42-H
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	230/400V
Wiring Type		12 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	63
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

## Controller-Deepsea

Model	DSE6120
7 configurable digital inputs	
Built-in governor and AVR control	
Base load (kW export) functionality	
Mains (utility) de-coupling protection	
Generator power (kW, kVA) monitoring	
Overload (kW & kV Ar) protection	
Emergency stop	
Start failure	

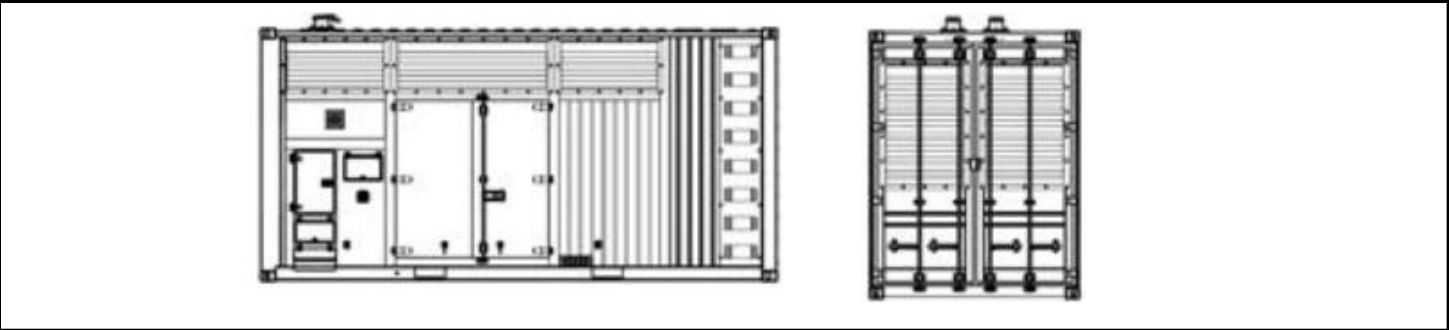


Unit Dimensions(Basic unit)



Open Type

L*W*H	mm
Weight	kg



Silent Type

L*W*H	mm	2608*1050*1250
Weight	kg	1290

Warranty

Yunnei Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours  
(whichever comes first).