

Yunnei Stage V Generator

Prime: 110KW/138KVA
Standby: 120KW/150KVA



**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 - Y138		DPX-19888
Prime power	kva	125
	kw	110
Standby power	kva	138
	kw	125
Rated voltage line to line	V	400
Rated current	A	198
Maximun sound level for Silent	dB@7m	73

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	DEF47CZBA5	
Aspiration	Upright,Tdi-turbo,Hydrocooling,Four-stroke , ,Supercharged and Mid-cooling,Electrically controlled high voltage common rail	
No. cylinders	4	
Displacement	L	4,7
Bore*Stroke	mm	110x124
Rated power	kw	120
Standby Power	kw	132
Rated speed	r/min	1500
Governor	ECU	
Engine wet weight	kg	420±10
Engine idel speed	rpm	800±50
Fire order	1-3-4-2	
Start Motor	V	24
Fly house dimension	SAE 3#	
Engine size	mm	945x700x860
Adaptive temperature	℃	-15---45
Discharge stage	Meet EU stage 5 of amendments to UN Regulation	

Exhaust System

Maximum permissible exhaust gas pressure	kPa	24,5
Turbocharger type	HP60/JP50	
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	33,2
100% load(Prime power)	L/h	29,5
75% load(Prime power)	L/h	22
50% load(Prime power)	L/h	14
25% load(Prime power)	L/h	8,1
Fuel capacity for silent genset	L	600

Lubrication System

Lubrication System		Pressure and Splash
Oil pump		rotor pump
Power point oil pressure	Kpa	180
Oil standard		≥CJ-4

Cooling System

Type of cooling		hydrocooling
Pump Flow	L/min	≥200
Pump head	m	≥10
Initial opening temperature of thermostat	°C	82±2
Thermostat full open temperature	°C	92
Fan	mm	φ550

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	☐
PMG	☐
Water oil separator	☐
Daily fuel tank	☐
Remote control panel	☐
Automatic transfer switch/ATS	☐
Switch box	☐
Standard: ●	Options: ○

Alternator

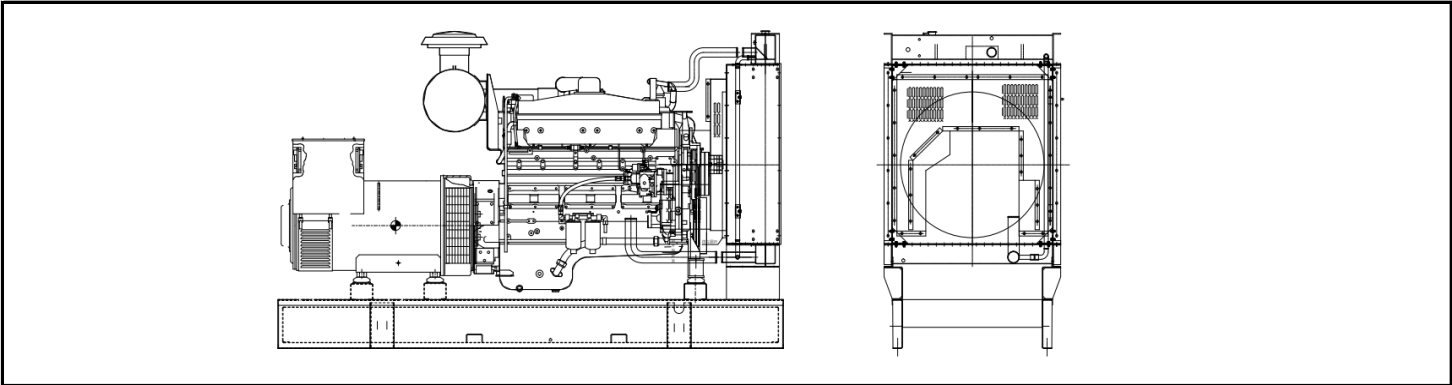
Model		TAL-A44-EJ
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	230/400V
Wiring Type		12 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	125
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

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	

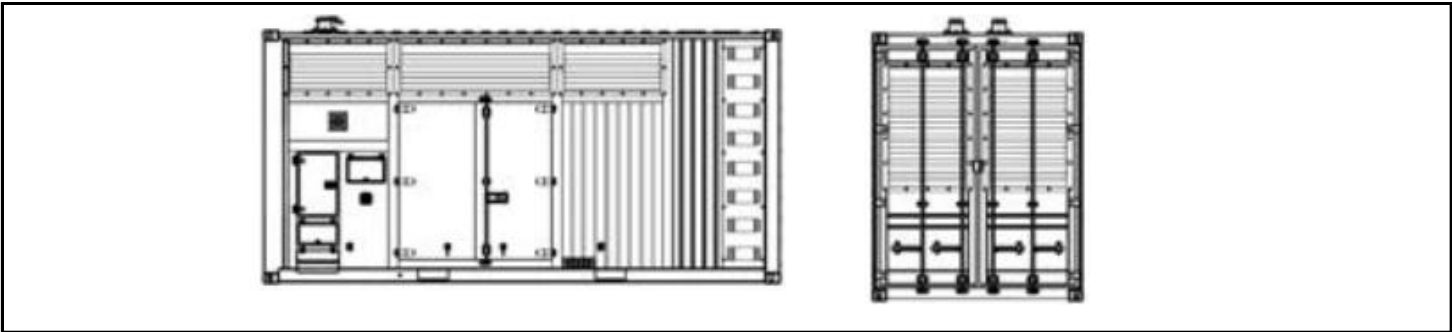


Unit Dimensions(Basic unit)



Open Type

L*W*H	mm
Weight	kg



Silent Type

L*W*H	mm	3108*1250*1800
Weight	kg	1880

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).