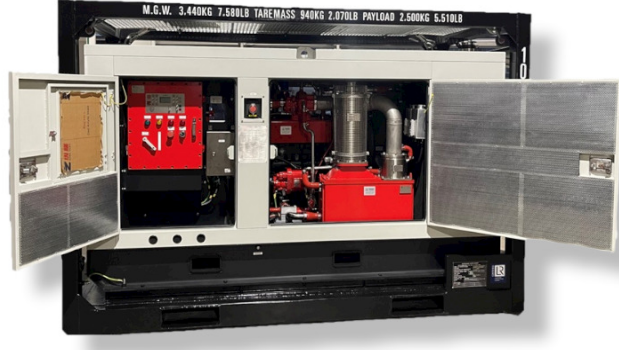


45 kVA Zone 2 Diesel Generator

We can provide bespoke Zone 2 Generators solutions to perfectly complement our client requirement, for fixed and portable applications from 20kVA up to 1000kVA can be manufactured.



Rated Power	Power Factor	Rated Voltage	Real Power	Rated Current	Frequency
45 kVA	0.8	400 VAC	36 kW	65 A	50 Hz
Dimension L x W x H (mm)		Weight	Phase	Duty	Noise@1M
3050 x 1532 x 2038		3660 kg	3P 4W	Continuous	85 db

- Diesel engine ATEX water cooled Perkins 1104A-44TG.
- Spring Starter Zone2 compliant.
- Diesel Engine Protection EN1834-1 ATEX94/9/EC.
- Water cooled exhaust manifold and heat exchanger for T3=200deg.
- Inlet flame arrestor for IIB operation.
- Inlet shut down valve and fuel shut down.
- Exhaust flame arrestor and spark arrestor.
- High water coolant temperature shut down at 100°C.
- High exhaust gas temperature shut down at 200°C -T3.
- Low oil pressure shut down at 0.8bar.
- Overspeed valve shut down.
- Control enclosure ATEX Zone2.
- High quality assembly, providing stiffness and low vibration.
- Power coated steel, Corrosion and scratch resistant.
- Compact and long service life.
- Protection guards in radiator and high voltage parts.
- Water and dust proof design.
- High quality sound absorbing and fire retardant.
- Skid mounted frame structure certified DNVGL2.7-1.
- Lifting lugs and forklift holes.

Engine data

Engine brand	Perkins	Number of cylinders	4
Engine model	1104A-44T	Aspiration	Turbocharged
Rated speed	1500 RPM	Combustion system	Direct injection
Rated power	80.5 kw	Cooling system	Water Cooled

Alternator data

Alternator brand	SunEx	Rated frequency	50 Hz
Alternator model	SEGEC50	Rated voltage	400 VAC
Power Factor	0.8	Rated current	65A
Rated power	50 kVA	Insulation class	H

Sunex Tech Asia Pte Ltd

T: +65 63396638

Email: sales@sunexeu.com

Web: www.sunexeu.com



Certificate Quality Assurance N°: TUV CV 20 ATEX 0206408