PKGES-IV-12.5

12.5 kVA Diesel Genset

A 12.5 kVA single-phase CPCB IV+ diesel genset with an Escorts Kubota G20A-IV engine, in an acoustic canopy below 75 dB(A) at 1 m.



Technical specifications

Genset

Prime rating (kVA / kWe)	12.5 kVA / 10 kWe
Power factor	0.8
Phase and voltage	1-phase, 230 V
Frequency	50 Hz
Noise	Less than 75 dB(A) at 1 m
Emission norm	CPCB IV+
Model code	PKGES-IV-12.5

Alternator

Make and model	Leroy-Somer LSA 40 VS2
Type	Brushless, self-excited
Insulation class	Class H
Protection	IP23
Voltage regulation	±0.5% (R220) or ±0.25% (D350)

Dimensions and weight

L × W × H (mm)	1,800 × 900 × 1,250
Dry weight (kg)	690

Engine

Make	Escorts Kubota
Model	G20A-IV
Gross power (bHp)	19
Cylinders	2
Aspiration	Naturally aspirated
Displacement (L)	1.84
Speed (rpm)	1,500
Cooling	Liquid cooled
Governing class	Mechanical

Fuel

Tank capacity (L)	40
Tank	LLDPE, removable, bunded

Enclosure

Construction	1.2 mm sheet steel, 25 mm acoustic foam lining (28 kg/m^3)

Electrical

Controller	DEIF SGC 120 MKII
Battery (V)	12
Battery capacity	100 Ah

Key features

Escorts Kubota G20A-IV engine
2-cylinder, naturally aspirated, 19 bHp at 1,500 rpm, 1.84 L displacement. Mechanical governing.

Acoustic canopy below 75 dB(A) at 1 m
1.2 mm sheet steel, 25 mm acoustic foam lining (28 kg/m³).

40 L fuel tank
LLDPE, removable, bunded tank.

Leroy-Somer LSA 40 VS2 alternator
Brushless and self-excited, with Class H insulation and IP23 protection; voltage regulation ±0.5% (R220) or ±0.25% (D350).

DEIF SGC 120 MKII controller
Automatic start and stop, run-hour and energy counters, and protections for over- and under-voltage, over-current, over-speed, lube oil pressure, coolant temperature and fuel theft.

CPCB IV+ compliant
Meets India's CPCB IV+ emission norms for gensets up to 800 kW.

Power Engineering (India) Pvt. Ltd.
58/A Tuem Industrial Estate, Pernem, Goa 403512
+91 91752 22136 · sales@paikane.com · https://paikanegenerators.com/products/12-5-kva-diesel-genset