PKGES-IV-15

15 kVA Diesel Genset

A 15 kVA 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)	15 kVA / 12 kWe
Power factor	0.8
Phase and voltage	3-phase, 415 V
Frequency	50 Hz
Rated current per phase at 415 V (A)	20.87
Noise	Less than 75 dB(A) at 1 m
Emission norm	CPCB IV+
Model code	PKGES-IV-15

Fuel

Tank capacity (L)	40
Tank	LLDPE, removable

Enclosure

Construction	1.2 mm sheet steel, 25 mm acoustic foam lining (28 kg/m³)

Dimensions and weight

L × W × H (mm)	1,800 × 900 × 1,250
Dry weight (kg)	735

Engine

Make	Escorts Kubota
Model	G20A-IV
Gross power (bHp)	24.14
Cylinders	2
Aspiration	Naturally aspirated
Displacement (L)	1.84
Speed (rpm)	1,500
Cooling	Liquid cooled
Governing class	Mechanical

Alternator

Make and model	Leroy-Somer LSAP 40 E
Type	Brushless, self-excited
Insulation class	Class H
Protection	IP23
Voltage regulation	±1% with 4% engine governing

Electrical

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

Key features

Escorts Kubota G20A-IV engine
2-cylinder, naturally aspirated, 24.14 bHp at 1,500 rpm, 1.84 L displacement. Mechanical governing.

Leroy-Somer LSAP 40 E alternator
Brushless and self-excited, with Class H insulation and IP23 protection; voltage regulation ±1% with 4% engine governing.

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

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.

Single-phase version available
Also built as a single-phase 230 V set with a Leroy-Somer LSAP 42.3 A alternator.

40 L fuel tank
LLDPE, removable tank.

Power Engineering (India) Pvt. Ltd.
58/A Tuem Industrial Estate, Pernem, Goa 403512
+91 91752 22136 · sales@paikane.com · https://paikanegenerators.com/products/15-kva-diesel-genset