

100

kVA

RATED OUTPUT

Standby power sized to carry the whole load the moment the mains drop, built around a turbocharged industrial engine and a Nidec alternator.

PRIME POWER

100 kVA

RATED CURRENT

144.34 A

PRIME OUTPUT

80 kW

VOLTAGE

400V

APPLICATIONS

Emergency power · Data & telecoms · Healthcare · Industry · Agriculture · Remote sites

TECHNICAL SPECIFICATION

OUTPUT

Prime power	100 kVA / 80 kW
Standby power	110 kVA / 88 kW
Voltage, frequency, phase	400 V, 50/60 Hz, 3-phase+N
Rated current	144.34 A

ENGINE

Engine	Eicher (VECV) EE683TC
Mechanical output	94 kW at 1500 rpm
Configuration	6 cylinder inline, 4.95 L
Aspiration and cooling	Turbocharged · direct injection · water-cooled

ALTERNATOR AND CONTROL

Alternator	Nidec
Control	Deep Sea Electronics / DEIF Electronic AMF controller

FUEL AND RUNNING

Consumption at 75 / 100%	16.49 / 22.14 L/h
Fuel tank	200 L, removable · external filling
Runtime at 75% load	12 h

ENCLOSURE AND HANDLING

Noise level	68 dB(A) at 7 m
Dimensions (L x W x H)	3420 x 1100 x 1680 mm
Weight	1900 kg
Enclosure	1.5 mm CRCA acoustic canopy

WHERE THIS SITS IN THE RANGE

MODEL	PRIME	OUTPUT	ENGINE	L X W X H	WEIGHT	NOISE
PKGVE-30	30 kVA	24 kW	Eicher (VECV) EE483TCII	2250 x 1020 x 1330 mm	1000 kg	68 dB(A) at 7 m
PKGVE-40	40 kVA	32 kW	Eicher (VECV) EE483TC	2250 x 1020 x 1330 mm	1050 kg	68 dB(A) at 7 m
PKGVE-50	50 kVA	40 kW	Eicher (VECV) EE483TC	2400 x 1090 x 1470 mm	1200 kg	68 dB(A) at 7 m
PKGVE-62.5	62.5 kVA	50 kW	Eicher (VECV) EE483TC	2400 x 1090 x 1470 mm	1250 kg	68 dB(A) at 7 m
PKGVE-82.5	82.5 kVA	66 kW	Eicher (VECV) EE683TC	3100 x 1100 x 1585 mm	1700 kg	68 dB(A) at 7 m
PKGVE-100	100 kVA	80 kW	Eicher (VECV) EE683TC	3420 x 1100 x 1680 mm	1900 kg	68 dB(A) at 7 m
PKGVE-125	125 kVA	100 kW	Eicher (VECV) EE694TCII	3420 x 1100 x 1680 mm	2100 kg	68 dB(A) at 7 m
PKGVE-160	160 kVA	128 kW	Eicher (VECV) EE694TCII	3420 x 1100 x 1830 mm	2200 kg	68 dB(A) at 7 m
PKGVP-200	200 kVA	160 kW	Volvo Penta TAD840GE	3900 x 1520 x 2175 mm	3300 kg	68 dB(A) at 7 m
PKGVP-250	250 kVA	200 kW	Volvo Penta TAD841GE	3900 x 1520 x 2175 mm	3400 kg	68 dB(A) at 7 m
PKGVP-320	320 kVA	256 kW	Volvo Penta TAD843GE	3900 x 1520 x 2175 mm	3600 kg	68 dB(A) at 7 m