

Perkins 100 kva

OUTPUT RATINGS	Generating Set Model	100	110
	380-415V, 50Hz	100 KVA - 80 KW	110 KVA - 88 KW
	480V, 60Hz	112.5 KVA - 90 KW	125 KVA - 100 KW
<p>Rating Definitions: Rating at 0.8 pf</p> <p>Continuous Power-Model:100 These ratings are applicable for supplying continuous electrical power (at variable load)in lieu of commercially purchased power.There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.</p> <p>Standby Power-Model: 110 These ratings are applicable for supplying continuous electrical power (at variable load)in the event of a utility power failure.No overload is permitted on these ratings.The alternator on this model is peak continuous rated(as defined in ISO8528-3)at 27-c</p>			

STANDARD ELECTROPACK SPECIFICATIONS	Air Inlet	152.4m (500 Ft) A.S.L @standard Kva
	Fuel System	180
	Lubrication System	8.0
	Cooling System	12.6
	Electrical Equipment	12 V
	Flywheel and Housing	high inertia flywheel

GENERAL DATA	Engine Model	1104C44TAG2
	Number of cylinders	4
	Cylinder arrangement	vertical in-line
	Cycle	4
	Induction system	Turbocharged
	Combustion system	Direct Injection
	Cooling system	Water-cooled
	Displacement	4.41L
	Bore and stroke	105x127
	Compression ratio	18.2:1
	Direction of rotation	Clockwise,viewed on the flywheel
	Firing order	1,5,3,6,2,4
	Total lubrication system capacity	8.0
	Coolant capacity (inc radiator)	12.6

FUEL CONSUMPTION	Power Rating	1500 RPM L/Hr	1800 RPML/Hr
	At standby power	24.9	29.7
	At prime power	22.6	26.9
	At 75 % prime power	17.1	20.2
	At 50 % prime power	11.2	14.1

DIMENTION AND WEIGHT	Length	Width	Height	Weight
	2200mm	750mm	1300mm	1145Kg

In Line with our policy of continuous product development,we reserve the right to change the specifications without notice