

**Perkins450 kva**

<b>OUTPUT RATINGS</b>	Generating Set Model	455	500
	380-415V, 50Hz	455 KVA- 364 KW	500 KVA- 400 KW
	480V, 60Hz	500 KVA- 400 KW	563 KVA- 450 KW
<p>Rating Definitions: Rating at 0.8 pf</p> <p>Continuous Power-Model: 455                      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: 500                      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>			

<b>STANDARD ELECTROPACK SPECIFICATIONS</b>	<b>Air Inlet</b>	152.4m
	<b>Fuel System</b>	300
	<b>Lubrication System</b>	68
	<b>Cooling System</b>	50
	<b>Electrical Equipment</b>	24 V
	<b>Flywheel and Housing</b>	high inertia flywheel

<b>GENERAL DATA</b>	Engine Model	2506A-E15TAG1
	Number of cylinders	6
	Cylinder arrangement	vertical in-line
	Cycle	4
	Induction system	Turbocharged
	Combustion system	Direct Injection
	Cooling system	Water-cooled
	Displacement	15.2L
	Bore and stroke	137x171
	Compression ratio	16:1
	Direction of rotation	Clockwise,viewed on the flywheel
	Firing order	1,5,3,6,2,4
	Total lubrication system capacity	62
	Coolant capacity (inc radiator)	58

<b>FUEL CONSUMPTION</b>	Power Rating	1500 RPM L/Hr	1800 RPML/Hr
	At standby power	104	116
	At prime power	95	102
	At 75 % prime power	72	78
	At 50 % prime power	50	53

<b>DIMENTION AND WEIGHT</b>	Length	Width	Height	Weight
	3500mm	1150mm	1980mm	4205Kg

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