



AL-Tuwaijri

Altuwaijri Industrial Equipment co.

Model:

KDE6500TN 5.5KW

Description:

DIESEL GENERATOR SET



MODEL	KDE6500TN		Engine model	KM186FA
Rated frequency(Hz)	50	60	Engine type	Single cylinder, vertical, 4-stroke, direct injection
Rated output power(kw)	5	5.5	Number of cylinders-bore-stroke[mm]	1-86*72
Max output power(kw)	5.5	6	Displacement[ml]	418
Rated voltage(V)	230	230/115	Rated output power[Kw/rpm]	5.9/3000
Rated current(A)	20	22.6	Compression ratio	19:1
Rated rotation speed(rpm)	3000	3600	Engine speed	3000
Phase number	Single phase		ignition system	Compression-ignition
Power factor COS(Φ)	1.0		Type of cooling	Air-cooled
Insulation class	F		Lubrication system	Compression-spray
Number of poles	2		Start-up mode	Electric start
Exciting Mode	Automatic regulator(with AVR)		Fuel	0#(summer)-10#(winter)-35#(frost)diesel oil
Panel Form	Normal Panel		Lube Brand	SAE10W30(above CD grade)
Output form	Locking socket x2		Lubrication oil volume[L]	1.65
DC output	DC12V8.3A binding post		Starting motor capacity[V-KW]	12V 0.8KW
Size(mmxmxxmm)	930*530*740		Fly-wheel generator capacity	100W
Net weight(kg)	165		Battery capacity[V-Ah]	12V 36Ah
Noise level(dba/7m)	74		Specific fuel consumption[g/kw.n]	280
Structural form	Silent type		Fuel capacity[L]	15

Code Reference: **KAMA-0003**

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