



KDE2500

Rated frequency(Hz)	50 60
Rated voltage(V)	230 230/115
Rated current(A)	7.4 8.7/17.4
Rated output power(kW)	1.7 2.0
Rated rotation speed(rpm)	3000 3600
DC output	12V 8.3A
Power factor(cos)	1.0
Phase number	Single phase
Noise level[dB(A)@7m]	72~77
Overall dimension(L*W*H)[mm(in)]	575x400x530 (22.64x15.75x20.87)
Dry weight[kg(ibs.)]	60(132)
Structure type	Open-frame type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM170FE
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	211(12.88)
Compression ratio	20:1
Rated power[kW(Hp)/rpm]	2.5(3.4)/3000,2.8(3.8)/3600
Starting system	electric starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), -10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity [L(gal.)]	12.5(2.75)



KDE3500

Rated frequency(Hz)	50 60
Rated voltage(V)	230 230/115
Rated current(A)	12.2 13.0/26.1
Rated output power(kW)	2.8 3.0
Rated rotation speed(rpm)	3000 3600
DC output	12V 8.3A
Power factor(cos)	1.0
Phase number	Single phase
Noise level[dB(A)@7m]	72~77
Overall dimension(L*W*H)[mm(in)]	640x480x530(25.20x18.90x20.87)
Dry weight[kg(ibs.)]	65(143)
Structure type	Open-frame type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM178F/E
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	296(18.06)
Compression ratio	20:1
Rated power[kW(Hp)/rpm]	3.7(5.03)/3000,4.0(5.44)/3600
Starting system	X:Recoil starter E:electric starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), -10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity[L(gal.)]	12.5(2.75)



KDE6500E

Rated frequency(Hz)	50 60
Rated voltage(V)	230 230/115
Rated current(A)	20 22.6/45.2
Rated output power(kW)	4.6 5.2
Rated rotation speed(rpm)	3000 3600
DC output	12V 8.3A
Power factor(cos)	1.0
Phase number	Single phase
Noise level[dB(A)@7m]	74~77
Overall dimension(L*W*H)[mm(in)]	720X492X650(28.35X19.37X25.59)
Dry weight[kg(ibs.)]	100(220)
Structure type	Open-frame type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM186FAE
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	418(25.51)
Compression ratio	19:1
Rated power[kW(Hp)/rpm]	5.9(8.02)/3000,6.5(8.84)/3600
Starting system	Recoil starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), -10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity[L(gal.)]	12.5(2.75)



KDE6500T

Rated frequency(Hz)	50 60
Rated voltage(V)	230 230/115
Rated current(A)	21.7 23.9/47.8
Rated output power(kW)	5 5.5
Rated rotation speed(rpm)	3000 3600
DC output	12V 8.3A
Power factor(cos)	1.0
Phase number	Single phase
Noise level[dB(A)@7m]	70~74
Overall dimension(L*W*H)[mm(in)]	910x530x740(35.83x20.87x29.13)
Dry weight[kg(ibs.)]	165(363)
Structure type	Silent type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM186FAE
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	418(25.51)
Compression ratio	19:1
Rated power[kW(Hp)/rpm]	5.9(8.02)/3000,6.5(8.84)/3600
Starting system	electric starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), - 10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity[L(gal.)]	15(3.3)



KDE6500E3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	6.7 7.5
Rated output power(kW)	5.0 5.2
Rated rotation speed(rpm)	3000 3600
DC output	No
Power factor(cos)	0.8(Applied to KVA)
Phase number	Three phase
Noise level[dB(A)@7m]	74~77
Overall dimension(L*W*H)[mm(in)]	720x492x650(28.35x19.37x25.59)
Dry weight[kg(ibs.)]	100(220)
Structure type	Open-frame type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM186FAE
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	418(25.51)
Compression ratio	19:1
Rated power[kW(Hp)/rpm]	5.9(8.02)/3000,6.5(8.84)/3600
Starting system	12V electric starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), -10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity[L(gal.)]	12.5(2.75)



KDE650T3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	9 9.9
Rated output power(kW)	5 5.5
Rated rotation speed(rpm)	3000 3600
DC output	None
Power factor(cos)	0.8(Applied to KVA)
Phase number	Three phase
Noise level[dB(A)@7m]	70~74
Overall dimension(L*W*H)[mm(in)]	910x530x740(35.83x20.87x29.13)
Dry weight[kg(ibs.)]	165
Structure type	Silent type
Coupling mode	Transmission shaft rigid coupling
Engine model	KM186FAE
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Displacement[ml(cu.in)]	418(25.51)
Compression ratio	19:1
Rated power[kW(Hp)/rpm]	5.9(8.02)/3000,6.5(8.84)/3600
Starting system	12V electric starter
Rotation direction(View from flywheel)	Clockwise
Fuel	0# (summer), – 10# (winter) light diesel oil
Lube	SAE10W30 (above CC grade)
Low oil pressure alert system	With
Excitation mode	Self-excitation and constant voltage(AVR)
Fuel capacity[L(gal.)]	15(3.3)



Robin Machineries & Equipment

Tel: 000971-4-2217124

Fax: 000971-4-2234493

POBox: 5229 Dubai, UAE

Email: alawitra@emirates.net.ae

www.alawigroup.ae