

-Diesel Generator



Diesel Generator



Product Model: KDF2500X/XE

Model	KDF2500X/XE	
Rated frequency (Hz)	50	60
Rated voltage (V)	220, 230, 240, 110/220, 115/230, 120/240	
Rated output power (KW)	1.8	2
Max output power (KW)	2	2.2
Rated rotation speed (rpm)	3000	3600
Power factor $\cos\phi$	1	
Phase number	Single	
Pole number	2	
Excitation transistorized	Self-excitation, brushless	
ATS type	Without ATS, optional	

Structure type	Open-frame	
Fuel consumption (g/KW.h)	370	
Fuel tank capacity (L)	12.5	
Continuous running time (hr)(at rated power)	22	
Noise level (dBA@7m) (zero load ~ full load)	72-77	
Net weight (kg)	X: 53	XE: 60
Overall dimension (mm)(LxWxH)	610x460x520	
Starting system	X: recoil starter; XE: electric starter	
Fuel type	0 # (summer), -10 # (winter), -35 # (chill cold) diesel oil	
Lube	SAE10W30 (above CC grade)	
Engine model	X: KD170F XE: KD170FE	
Engine type	1-cylinder, 4-stroke, air-cooled, verical, diesel engine	
Borexstroke (mm)	70x55	
Displacement (cm ³)	0.211	
Compression ratio	20:1	
Rated power (KW/rpm)	2.5/3000	2.8/3600
Rotation direction (view from the flywheel)	Clockwise	

Diesel Generator



Product Model: KDF4000X/XE

Model	KDF4000X/XE		KDF4000X-3/XE-3	
Rated frequency (Hz)	50	60	50	60
Rated voltage (V)	220, 230, 240, 110/220, 115/230, 120/240		380/220, 400/230, 420/240	
Rated output power (KW)	2.6	3	2.6	3
Max output power (KW)	3	3.3	3	3.3
Rated rotation speed (rpm)	3000	3600	3000	3600
Power factor cosφ	1		0.8 (lag)	
Phase number	Single		Three	
Pole number	2			
Excitation transistorized	Self-excitation, brushless		Self-excitation, constant voltage (AVR)	
ATS type	Without ATS, optional			
Structure type	Open-frame			
Fuel consumption (g/KW.h)	370		370	
Fuel tank capacity (L)	12.5			
Continuous running time (hr)(at rated power)	14		14	
Noise level (dBA@7m) (zero load ~ full load)	72-77		72-77	
Net weight (kg)	X: 65	XE: 70	X: 65	XE-3: 70
Overall dimension (mm)(L×W×H)	705×460×535		705×460×535	
Starting system	X: recoil starter; XE: electric starter			
Fuel type	0 # (summer), -10 # (winter), -35 # (chill cold) diesel oil			
Lube	SAE10W30 (above CC grade)		SAE10W30 (above CC grade)	
Engine model	X: KD178F		X-3: KD178F	
	XE: KD178FE		XE-3: KD178FE	
Engine type	1-cylinder, 4-stroke, air-cooled, vertical, diesel engine			
Bore×stroke (mm)	78×62		78×62	
Displacement (cm³)	0.296		0.296	
Compression ratio	20:1		20:1	
Rated power (KW/rpm)	3.7/3000	4.0/3600	3.7/3000	4.0/3600
Rotation direction (view from the flywheel)	Clockwise			

Diesel Generator



Product Model: KDF6500X/XE

ALFANOOS

Model	KDF6500X/XE		KDF6500AX/AXE		KDF6500X-3/XE-3		KDF6500AX-3/AXE-3	
Rated frequency (Hz)	50	60	60		50	60	60	
Rated voltage (V)	220,230,240,110/220,115/230,120/240				380/220, 400/230, 420/240			
Rated output power (KW)	4.2	4.5	4.5		4.2	4.5	4.5	
Max output power (KW)	4.5	5	5		4.5	5	5	
Rated rotation speed (rpm)	3000	36000	3600		3000	36000	3600	
Power factor cosφ	1				0.8 (lag)			
Phase number	Single				Three			
Pole number	2							
Excitation transistorized	Self-excitation, brushless				Self-excitation, constant voltage (AVR)			
ATS type	Without ATS, optional							
Structure type	Open-frame							
Fuel consumption (g/KW.h)	360		340		360		340	
Fuel tank capacity (L)	12.5							
Continuous running time (hr)(at rated power)	7.5		8		7.5		8	
Noise level (dBA@7m) (zero load ~ full load)	75-79		75-79		75-79		75-79	
Net weight (kg)	X: 95	XE: 100	X: 95	XE: 100	X: 95	XE-3: 100	X: 95	XE-3: 100
Overall dimension (mm)(L×W×H)	735×485×670		735×485×670		735×485×670		735×485×670	
Starting system	X: recoil starter; XE: electric starter							
Fuel type	0# (summer), -10# (winter), -35# (chill cold) diesel oil							
Lube	SAE10W30 (above CC grade)		CD or better than CD		SAE10W30 (above CC grade)		CD or better than CD	
Engine model	X: KD186F		X: KD186F		X-3: KD186F		X-3: KD186F	
	XE: KD186FE		XE: KD186FE		XE-3: KD186FE		XE-3: KD186FE	
Engine type	1-cylinder, 4-stroke, air-cooled, vertical, diesel engine							
Bore×stroke (mm)	86×70		86×72		86×70		86×72	
Displacement (cm ³)	0.406		0.418		0.406		0.418	
Compression ratio	19:1		19:1		19:1		19:1	
Rated power (KW/rpm)	5.7/3000	6.3/3600	6.3/3600		5.7/3000	6.3/3600	6.3/3600	
Rotation direction (view from the flywheel)	Clockwise							