

DIESEL ENGINE GENERATOR



HL2500CLE



HL4000CXE



HL5500CXE

STANDARD

- *Automatic air bleeding mechanism
- *AC Voltmeter
- *DC output
- *AC Circuit breakers
- *Optional dual voltage at Full-power
- *DC overcurrent protection
- *Extra large fuel tank with fuel gauge
- *Large capacity silent muffler

OPTIONAL

- *Low oil shutdown
- *4-wheel kit
- *Electric starter
- *Battery

Specification and technical data

Model		HL2500CL(HL2500CLE)	HL2500CX(HL2500CXE)	HL4000CL(HL4000CLE)	HL4000CX(HL4000CXE)	HL5500CL(HL5500CLE)	HL5500CX(HL5500CXE)
GENERATOR SET	Rated frequency (Hz)	50	60	50	60	50	60
	Rated output (KVA)	1.8	2.0	2.8	3.0	4.5	5.0
	Max power (kVA)	2.0	2.2	3.0	3.3	5.0	5.5
	Rated voltage (V)	120,220,230,240,110/220,120/240		120,220,230,240,110/220,120/240		120,220,230,240,110/220,120/240	
	Rated rotation speed (rpm)	3000	3600	3000	3600	3000	3600
	Phase number	Single-phase		Single-phase		Single-phase	
	Power factor (cos φ)	1.0		1.0		1.0	
	Excitation	Brushless, self-excitation		Brushless, self-excitation		Brushless, self-excitation	
	DC output	12V/8.3A		12V/8.3A		12V/8.3A	
	Work method	15 hours continuous running		12 hours continuous running		8 hours continuous running	
Structure model	Open-frame		Open-frame		Open-frame		
Connection mode	Transmission shaft rigid coupling		Transmission shaft rigid coupling		Transmission shaft rigid coupling		
Short circuit protection system	With		With		With		
Dry weight (kg)	54(58)*		64(68)*		98(102)*		
Overall dimension (L x W x H) (mm)	625 x 455 x 520		690 x 455 x 545		700 x 465 x 600		
ENGINE	Engine model	HL170FAG2(HL170FAG2E)*		HL178FAG3(HL178FAG3E)*		HL186FAG3(HL186FAG3E)*	
	Type	Single cylinder,4-stroke,air-cooled, direct injection,diesel engine		Single cylinder,4-stroke,air-cooled, direct injection,diesel engine		Single cylinder,4-stroke,air-cooled, direct injection,diesel engine	
	Rated power (HP)	3.4	3.8	5.0	5.5	7.7	8.6
	Bore x Stroke (mm)	70 x 57		78 x 64		86 x 72	
	Displacement (cc)	219		306		418	
	Cooling system	Forced air-cooled		Forced air-cooled		Forced air-cooled	
	Lubrication system	Forced lubrication via trochoid pump		Forced lubrication via trochoid pump		Forced lubrication via trochoid pump	
	Lube oil capacity (L)	0.8		1.1		1.65	
	Starting system	Recoil or Recoil/Electric		Recoil or Recoil/Electric		Recoil or Recoil/Electric	
	Fuel tank capacity (L)	12.5		12.5		12.5	
Lube oil brand	CC or CD grade		CC or CD grade		CC or CD grade		
Low oil pressure alarm system	CL/CLE:without	CX/CXE:with	CL/CLE:without	CX/CXE:with	CL/CLE:without	CX/CXE:with	

()*:Electric starter

Application code:

CL

- *Large fuel tank
- *Control panel

E

- *Electric start

CX

- *Large fuel tank
- *Control panel
- *Low oil shutdown

W

- *Welding & generating machine

DIESEL ENGINE GENERATOR



GF4000CXE



GF5500CXE

STANDARD

- Automatic air bleeding mechanism
- DC output
- AC/DC Circuit breakers
- Full-power switch on dual voltage
- Extra large fuel tank with fuel gauge
- 2-wheel kit

OPTIONAL

- Low oil shutdown
- Electric Starter
- Battery

Specification and technical data

	Model	GF4000CL(GF4000CLE)GF4000CX(GF4000CXE)		GF5500CL(GF5500CLE)GF5500CX(GF5500CXE)	
GENERATOR SET	Rated frequency (Hz)	50	60	50	60
	Rated output (kVA)	2.8	3.0	4.5	5.0
	Max power (kVA)	3.0	3.3	5.0	5.5
	Rated voltage (V)	110,120,220,230,240,110/220,120/240			
	Rated rotation speed (rpm)	3000	3600	3000	3600
	Phase number	Single-phase			
	Power factor (cos φ)	1.0			
	Excitation	Brushless self-excitation			
	DC output	12V/8.3A			
	Work method	12 hours continuous running		8 hours continuous running	
	Structure model	Open-frame			
	Connection mode	Transmission shaft rigid coupling			
	Short circuit protection system	With			
	ENGINE	Dry weight (kg)	102	106	115
Overall dimension (L × W × H) (mm)		745 × 515 × 665		745 × 515 × 725	
Engine model		HL178FAG3(HL178FAG3E)*		HL186FAG3(HL186FAG3E)*	
Type		Single cylinder,4-stroke,air-cooled, direct injection,diesel engine			
Rated power (HP)		5.0	5.5	7.7	8.6
Bore × Stroke (mm)		78 × 64		86 × 72	
Displacement (cc)		306		418	
Cooling system		Forced air-cooled			
Lubrication system		Forced lubrication via trochoid pump			
Lube oil capacity (L)		1.1		1.65	
Starting system	Recoil or Recoil/Electric				
Fuel tank capacity (L)	12.5				
Low oil pressure alarm system	CL/CLE:without		CX/CXE:with		

()※:Electric starter