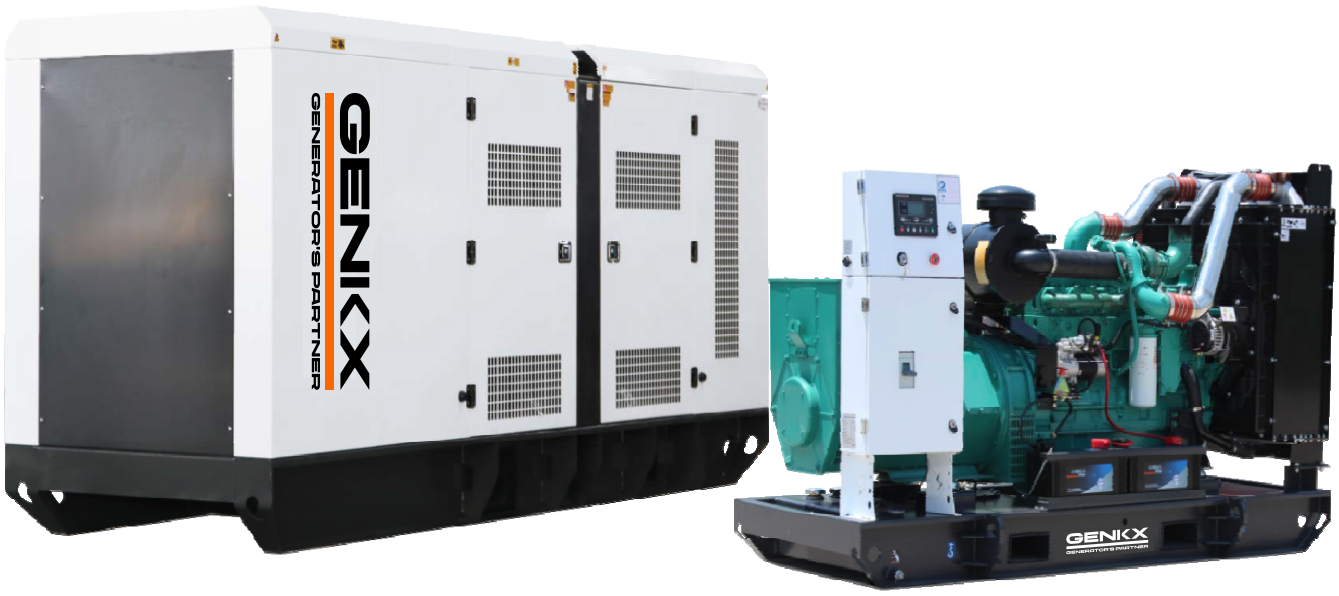
GENKX
GENERATOR'S PARTNER

VF-17E

POWERED BY FAWDE SERIES 50Hz



50Hz 1500rpm 3P 400/230V

Model		VP-17E
Power(ESP)	kW/kVA	13/17
Power(PRP)	kW/kVA	12/15
Rated Voltage	V	400
Rated Current	A	22.8
Rated rotation speed	r/min	1500
Power Factor	Pf	0.8

STANDARDS:
Genset: GB/T2820—2009, ISO8528
Alternator: VDE0530, NEMA MG1-32, IEC34, AS1359
Diesel Engine: ISO3046, DIN6271
Standby Power: Continues running at variable load for duration of an emergency. No overload is permitted on these ratings.
Prime Power: Continues running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period.

Frequency	Hz	50
Fuel Consumption	L/h	2.3 (50%）3.6（75%）4.8（100%）5.2（110%）
Phase No		3-phase
Insulation Grade		H
Pole Numbe		4
Excitation Mode		Self-excitation
Panel Type		Digital Panel
Performance Grade		G3/G3
Noise level（Db）	Open Type	92±2
	Slient Type	62±2

CONFIGURATION:
Standard: Engine, alternator, cooling system, Base frame (excluding fuel tank), shock absorber, air inlet system, control box (including mains floating charge), plastic fan blades (when the engine and water tank do not bring).
Optional: Base frame (including fuel tank), water jacket heater, fuel water separator, fuel heater, fuel level sensor (only supporting underframe tank), switch box (with switch),power switch, the water level sensor, motor anti condensation heater, automatic fueling system (only supporting base frame including fuel tank), battery frame.
Accessories: Silencer, bellow, exhaust silencing system accessories (with the matching engine), regular battery, starting cord assembly, data of genset, random tool (with the matching engine).

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Engine:

Engine	Engine Manufacturer		FAWDE
	Engine Mode		4DW81-23D
	Engine Type		4 Stroke; In-line; 4 Cylinder Diesel
	Air intake way		Naturally aspirated
	Cyl.		4
	Cylinder Bore	mm	85
	Stroke	mm	100
	Displacement	L	2.3
	Rated Power	KW/HP	17/23
	Compression Ration		17:1
	Fuel System		Mechanical/Direct injection
	Cooling System		Water cooled
	Lubrication System		Pressure splashed
	Starting System		Electric Start
	Fuel Type		To conforms to USA Fed Off Highway - EPA2D 89.330-96 or GB 252-2000
	Lube oil brand		CF4
	Capacity of cooling water	L	6.0L
	Lube Capacity	L	7.8.0L
	Starting Voltage	V	DC12V

Alternator:

Alternator	Alternator Manufacturer	SINOCOX
	Alternator Model	SMF160E
	Control System	AVR
	Insulation System	Class H
	Protetion	IP44
	Rated Power Factor	0.8
	Stator winding	Standard No.6
	Temperature grade	H
	Voltage Regulation	±0.5%
	Satisfying Standardization	IEC60034,NEMA MG1.22,ISO 8528,CSA,UL1446,UL 1004B

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Control System

DSE6020 module is indicated on a large back-lit LC icon .
Display via an array of warning, electrical trip and shutdown alarm .
Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level.
The modules give comprehensive engine and
alternator protection.

KEY BENEFITS

•auto and manual function
•AMF and ATS function
•Engine idle control for starting & stopping
•Engine run-time scheduler
•Generator/load power monitoring (kW, kVA, kV Ar, pf)
•Generator/load current monitoring and protection
•Comprehensive warning,electrical trip or shutdown protection upon fault condition
•CAN, MPU and alternator
•Fully configurable via the fascia or PC using USB
•1 alternative configuration
•3 engine maintenance alarms
•4 configurable DC outputs
•4 configurable analogue/digital inputs
•6 configurable digital inputs
•Support for 0-10 V & 4-20 mA oil pressure sensors
•LCD and LED alarm indication
•Configurable event log (50)

DSE7320 is an Auto Mains (Utility) Failure Control Module suitable for a wide variety of single, diesel or gas,gen-set applications. Monitoring an extensive number of engine parameters, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem).DSE7320 module include USB, RS232 and RS485 ports as well as dedicated DSENet® terminals for system expansion.

KEY BENEFITS

• auto and manual function
• AMF & ATS & Communication &Expansion
• Engine parameters: speed, oil pressure, water temperature, battery voltage, oil level%, running hours, start times and charging voltage.
• Alternator parameters: frequency, three phase voltage(L-L,L-N) and three phase current
•Power parameters: KVA、 KW、 PF 、KVAR、 KWh、KVAH and KVARH
•Mains parameters: Frequency, three phase voltage(L-L,L-N)
•16 countries languages and can be editable Polish, German, French, Dutch, American English, Portugal, Swedish language, Thai Language, Turkish, Spain, Italian, Spain(Mexico) and Chinese
and so on .
•PLC Logical function (up to 100)
•Engine, alternator and mains control & protection.
•Engine Speed, Engine Oil Pressure, Engine Water
Temperature, Battery Charger Voltage, Alternator Voltage & Current & Frequency, Mains voltage and
frequency.
•With RS232 & RS485 Communication ports.
•Modbus RTU communication protocol.
•3 alternative configuration
(Eg: shift from 50HZ / 60HZ or Single/ Three phase output voltage)
•Pre-set running hours(gen-set need start up regularly and maintain)
•Pre-set maintenance period(Engine running 250 hours and need change the three filters)
•12 configurable inputs and 8 configurable outputs
•Configurable event log (250)

The DSE8610 is an easy to use multi-generator load share system ,designed to synchronise up to 32 generators including electronic and non-electronic engines. The DSE8610 monitors the generator andindicates operational status and fault conditions,automatically starting or stopping the engine on load demand or fault condition. Using the DSE PC Configuration Suite Software allows easy alteration ofthe operational sequences, timers and alarms. With all communication ports capable of being active at the sametime, the DSE8610 is ideal for a wide variety of demanding load share applications.

KEY BENEFITS

• Comprehensive load share capabilities
• Configurable inputs (11)
•Configurable outputs (8)
•Voltage measurement
•Built-in governor and AVR control
•kW overload alarms
•Comprehensive electrical protection
•RS232 & RS485 remote communication
•Modbus RTU
•PLC functionality
•Multi event exercise time
•Back-lit LCD 4-line text display
•Worldwide language support
•utomatic start/Manual start
•Peak lopping
•Sequential set start
•Manual voltage/frequency adjustment
•R.O.C.O.F. and vector shift
•Generator load demand
•Automatic hours run balancing
•Mains (Utility) de-coupling
•Mains (Utility) de-coupling test mode
•Dead bus sensing
•Bus failure detection
•Direct governor and AVR contro
•Volts and frequency matching
•kW and kVAr load sharing
•Configurable event log (250)

Open type

Weight& Dimension:

L	mm	1480
W	mm	650
H	mm	1050
Weight	Kg	582

Silent type

Weight& Dimension:

L	mm	2000
W	mm	850
H	mm	1200
Weight	kg	880

Local Distributor:

Local Distributor:

GENKX reserves the right to make change in model,technical specifications.
Drawings can be used as reference,
include the optional components.
All the industrial designs have been patented.