



Aksa power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

3 Phase, 50 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
380 / 220	8.0	10	7.60	9.5	15

备用额定值 (ESP) 适用于在可靠电源断电期间向变化的电力负载供电。

ESP符合ISO 8528-1。不允许过载。

主用功率 (PRP) 适用于在不受限制的时间内为变化的电力负载供电。PRP符合ISO 8528-1。在12小时的周期内允许1小时的10%过载能力。

	APB 12500-M
Hz	50
	Diesel
	Aksa HR1105FDE
	Aksa 245x130(S)
	HGM4020CAN
	APB 12500 KABIN

	Aksa
	HR1105FDE
	1 cylinder
mm	105



mm	88
lt.	761
	20:1
rpm	3000
kW/HP	13
	Electronic
	UNKNOWN
lt	2.2
	Diesel
	Direct
	N/A
Vdc	UNKNOWN
/Ah	36
	Air Cooled
100% lt/hr	3.38
75% lt/hr	2.58
50% lt/hr	1.93
	Aksa
	245x130(S)
Hz	50
V	380
	1
	UNKNOWN
	1



H

IP23

1

H

1130

mm

750

mm

885

kg

241

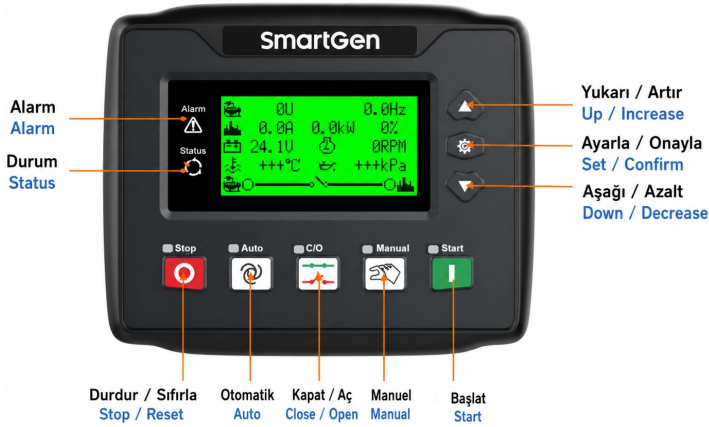
lt

30

SmartGen

HGM4020CAN

CANBUS



132×64 backlit LCD display.

Selectable language support: Chinese, English, Spanish, Russian, Turkish, French, Portuguese, and Polish.

Push-button operation.

Durable hard acrylic screen protection with excellent wear and scratch resistance.

Silicone panel and buttons suitable for operation in extreme temperature environments.

RS485 communication interface supporting the following functions via MODBUS protocol:

- Remote Control
- Remote Monitoring
- Remote Communication

CANBUS communication port (HGM4020CAN model).

Compatible with engine ECUs supporting the J1939 protocol.

Enables monitoring of the following ECU parameters:



- Engine coolant temperature
- Oil pressure
- Engine speed (RPM)
- Fuel consumption
- Other essential engine parameters

CANBUS functions include:

- Engine start
- Engine stop
- Speed increase
- Speed decrease

Suitable for the following electrical system configurations:

- 3-Phase 4-Wire
- 3-Phase 3-Wire
- Single-Phase 2-Wire
- 2-Phase 3-Wire

Operating voltage:

- 120/240 V

Operating frequency:

- 50 Hz / 60 Hz

Measures and displays the following generator or mains parameters:

- Three-phase voltages
- Currents
- Power values
- Frequency

Warning Alarms

High Temperature
Low Oil Pressure
Gen Over Current
Fail to Stop
Low Fuel Level
Charge Alt Failure
Battery Under Volt
Battery Over Volt
Auxiliary Input
Loss of Speed Signal
Low Coolant Level
Temp. Sensor Open



Oil Pressure Sensor Open
Level Sensor Open
Temp. Sensor 2 Open
Oil Pressure Sensor 2 Open
Coolant Level Sensor Open
High Temperature 2
Low Oil Pressure 2
Low Coolant Level
Maintenance Due
Gen Over Volt.
Gen Under Volt.
Gen Over Freq.
Gen Under Freq.
Charge Alt Failure
Over Power
ECU Warn

Shutdown Alarms

Emergency Stop
Over Speed
Under Speed
Loss of Speed Signal
Over Frequency
Under Frequency
Over Voltage
Under Voltage
Over Current
Fail to Start
High Temp.
Low Oil Pressure
No Generate Electricity
Low Fuel Level
Low Coolant Level
Temp. Sensor Open
Oil Pressure Sensor Open
Fuel Level Sensor Open
Temp. Sensor 2 Open
Pressure Sensor 2 Open
Coolant Level Sensor Open
High Temp. 2
Low Pressure 2
Low Coolant Level
Maintenance Due
Over Power
Digital Input Port
ECU Alarm
ECU Comm. Failure



- High-quality, reliable, and complete power unit
- Compact design
- Easy starting and maintenance
- Each generator set undergoes a comprehensive test program including full load testing, checking and testing of all control and safety stop functions
- Complete engineering solution with a wide range of options and accessories: Cabin, soundproof canopy, and road-suitable trailer

指令

- 2006/42/EC : Machinery Safety Directive
- 2014/30/EU : Electromagnetic Compatibility Directive
- 2014/35/EU : Low Voltage Directive

标准

- TS ISO 8528-5:2022 / TS EN ISO 8528-13:2018 : Reciprocating internal combustion engine-driven alternating current generating sets- Part:13: Safety

Quality Management Systems

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
ISO 27001:2013
ISO 10002:2018