



Ürün Hakkında

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.

Güç

3 Phase, 50 Hz, PF 0.8

Voltaj (V)	STANDBY GÜÇ(ESP)		PRIME GÜÇ (PRP)		STANDBY AKIM (A)
	kW	kVA	kW	kVA	
380 / 220	8,0	10	7.60	9.5	15

STANDBY RATING (ESP) Güvenilir bir şebeke kaynağının güç kesintisi süresince değişken elektrik yüküne güç sağlamak için geçerlidir. ESP, ISO 8528-1'e uygundur. Aşırı yüklemeye izin verilmez.

PRIME RATING (PRP) Değişken elektrik yüküne sınırsız saat boyunca güç sağlamak için geçerlidir. PRP, ISO 8528-1'e uygundur. %10 aşırı yük kapasitesi, 12 saatlik çalışma süresi içinde 1 saatlik bir süre için kullanılabilir.

Genel Özellikler

Model Adı	APB 12500-M
Frekans (Hz)	50
Yakıt Tipi	Diesel
Motor Marka ve Modeli	Aksa HR1105FDE
Alternatör Marka ve Modeli	Aksa 245x130(S)
Kontrol Panel Modeli	HGM4020CAN
Kabin Modeli	APB 12500 KABIN

Motor Özellikleri

Genel Bilgiler

Üretici	Aksa
Motor Modeli	HR1105FDE
Silindir Sayısı / Tipi	1 cylinder
Bore mm (in)	105
Stroke mm (in)	88



Hacim I (cu. In)	761
Sıkıştırma Oranı	20:1
Motor Hızı (rpm)	3000
Prime Güç (kW/hp)	13
Governor Sistemi	Electronic
Hava Filtresi	UNKNOWN

Yağlama Sistemi

Yağ Kapasitesi I (qal)	2.2
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Yakıt Sistemi

Yakıt Tipi	Diesel
Enjeksiyon Tipi	Direct
Yakıt Pompa Tipi	N/A

Elektrik Sistemi

Çalışma Voltajı (Vdc)	UNKNOWN
Akü ve Kapasite (Adt/Ah)	36

Soğutma Sistemi

Soğutma Metodu	Air Cooled
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Egzoz Sistemi

Yakıt Tüketimi

%100 Prime Yükte Yakıt Tüketimi l/h (kg/h)	3.38
%75 Prime Yükte Yakıt Tüketimi l/h (kg/h)	2.58
%50 Prime Yükte Yakıt Tüketimi l/h (kg/h)	1.93

Alternator Özellikleri

Üretici	Aksa
Alternatör Model	245x130(S)
Frekans (Hz)	50
Voltaj (V)	380
Faz	1
A.V.R.	UNKNOWN
Voltaj Regülasyon	1
Yalıtım Sınıfı	H



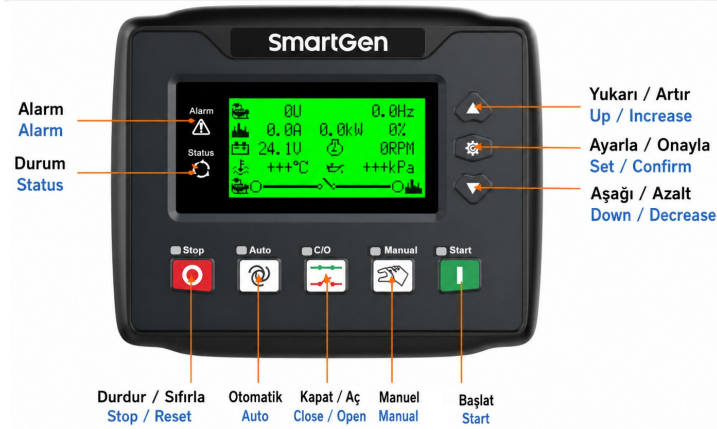
Koruma Sınıfı	IP23
Nominal Güç Faktörü	1
Sıcaklık Artış Sınıfı	H

Kabin Özellikleri

Uzunluk mm	1130
Genişlik mm	750
Yükseklik mm	885
Kuru Ağırlık kg	241
Yakıt Tank Kapasitesi (l)	30

Kontrol Paneli

Üretici	SmartGen
Kontrol Modül Modeli	HGM4020CAN
İletişim Portları	CANBUS



Standart Cihazlar

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

Uyarılar

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

Standart Ekipmanlar

-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

Aksa Sertifikalar

Direktifler

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

Standartlar

- 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