



Ürün Hakkında

Aksa power generation system, providing optimum performance, and reliability, for stationary prime power exclusively for Telecommunication.. All generator sets are factory build, and production tested.

Güç

Monophase, 50 Hz, PF 1

Voltaj (V)	STANDBY GÜÇ(ESP)		PRIME GÜÇ (PRP)		STANDBY AKIM (A)
	kW	kVA	kW	kVA	
230	28,8	36	26.40	33	157

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	APD-T 36 BD-S3A-M
Frekans (Hz)	50
Yakıt Tipi	Diesel
Motor Marka ve Modeli	Baudouin 4M08G8D3/5
Alternatör Marka ve Modeli	Aksa
Kontrol Panel Modeli	D-500
Kabin Modeli	AKCELL-20

Motor Özellikleri

Genel Bilgiler

Üretici	Baudouin
Motor Modeli	4M08G8D3/5
Silindir Sayısı / Tipi	4 cylinders - in line
Bore mm (in)	98
Stroke mm (in)	105



Hacim I (cu. In)	3.17
Sıkıştırma Oranı	17.2:1
Motor Hızı (rpm)	1500
Standby Güç (kW/hp)	36/48
Prime Güç (kW/hp)	33/44
Blok Isıtıcı (Adt)	1
Blok Isıtıcı Gücü (Watt)	500
Governor Sistemi	ECU
Hava Filtresi	Dry Type
Hava Emiş	Naturally Aspirated

Yağlama Sistemi

Yağ Kapasitesi I (qal)	10.2
Maks. Yağ Sıcaklığı °C (F)	130

Yakıt Sistemi

Yakıt Tipi	Diesel
Enjeksiyon Tipi	Direct
Yakıt Pompa Tipi	HPCR (High Pressure Common Rail)

Elektrik Sistemi

Çalışma Voltajı (Vdc)	12 Vdc
Akü ve Kapasite (Adt/Ah)	1x55
Şarj Alternatörü (A)	35

Soğutma Sistemi

Soğutma Metodu	Water Cooled
Soğutma Suyu Kapasitesi (yalnızca motor)I (gal)	5

Egzoz Sistemi

Egzoz Gaz Debisi (m³/dk)	6.96
Egzoz Geri Basınç in-Hg (kPa)	8
Egzoz Gaz Sıcaklığı °C (F)	≤650
Egzoz Geçen Isı kW (BTU/min)	29.5

Radyatör

Toplam Soğutma Suyu Kapasitesi (l)	7.7
Soğutma Fan Hava Debisi m³/min (ft³/min)	97.5
Soğutma Havası Harici Direnç (Pa)	125

**Yakıt Tüketimi**

%100 Prime Yükte Yakıt Tüketimi l/h (kg/h)	8.49
%75 Prime Yükte Yakıt Tüketimi l/h (kg/h)	6.36
%50 Prime Yükte Yakıt Tüketimi l/h (kg/h)	5.18

Alternator Özellikleri

Üretici	Aksa
Alternatör Model	AK 360
Frekans (Hz)	50
Güç (kVA)	43
Voltaj (V)	231
Faz	1
A.V.R.	SX460
Voltaj Regülasyon	1.5%
Yalıtım Sınıfı	H
Koruma Sınıfı	IP22
Nominal Güç Faktörü	0.8
Toplam Generator Ağırlık (kg)	337
Soğutma Havası (m³/dk)	12,96

Kabin Özellikleri

Uzunluk mm	2300
Genişlik mm	1200
Yükseklik mm	1688
Yakıt Tank Kapasitesi (l)	600

Kontrol Paneli

Üretici	Datacom
Kontrol Modül Modeli	D-500
İletişim Portları	MODBUS

Menu navigation buttons
Close mains button
Main Status and instrumentation display
Alarm LED's
Close generator button
Status LED's
Operation selecting buttons



Standart Cihazlar

The D-500 is a next-generation genset control unit combining multi-functionality and wide communication possibilities together with a reliable and low-cost design.

Kontrol Ünitesi

- Battery back-up real-time clock
- Battery charge run enabled
- Battery voltage

Yapım ve Boya

Storage temperature: -40°C to 80°C (-40 to +176°F)
Maximum humidity: 95% non-condensing.
IP Protection: IP65 from front panel, IP30 from the rear (with gasket)
Dimensions: 200 x 148 x 46mm (WxHxD)
Panel Cut-out Dimensions: 176 x 121 mm minimum.
Weight: 450 g (approx.)
Case Material: High Temperature, non-flammable ABS/PC

Montaj

Installation: Flat surface mounting on a Type 1 enclosure. Rear retaining plastic brackets.

Standart Özellikler

- Fuel filling & fuel theft alarms
- Idle speed control
- Combat mode support
- Multiple nominal conditions
- Contactor & MCB drive
- 4 quadrant genset power counters
- Mains power counters
- Fuel filling counter
- Fuel consumption counter
- Modem & ethernet diagnostics
- Configurable through USB, RS-485, Ethernet and GPRS
- Free configuration program
- Allows SMS controls
- Ready for central monitoring

**Ethernet & GPRS**

- Mobile genset support
- Automatic GSM geo-location
- GPS connectivity (USB&RS232)

Opsiyonlar

- 4-band GPRS modem (optional)

Kontrol Paneli Uyumluluk Listesi**EU Directives Conformity**

- 2006/95/EC (low voltage)
- 2004/108/EC (electro-magnetic compatibility)

Norms of reference:

- EN 61010 (safety requirements)
- EN 61326 (EMC requirements)

UL & CSA Compatibility:

- UL 6200, Controls for Stationary Engine Driven Assemblies (File# - 20140725-E314374)
- CAN/CSA C22.2 No. 14-13 – Industrial Control Equipment

Statik Akü Şarj Cihazı

Battery charger is manufactured with switching-mode and SMD technology and it has high efficiency.

Battery charger models' output V-I characteristic is very close to square

2405 has fully output short circuit protection and it can be used as a current source.

2405 charger has high efficiency, long life, low failure rate, lightweight and low heat radiated in accordance with linear alternatives.

The charger is fitted with a protection diode across the output. Charge fail output is available.

Connect charge fail relay coil between the positive output and CF output.

Input: 196-264V.

Output: 27,6V 5A or 13,8V 5A.

Standart Ekipmanlar

- Water cooled, Diesel engine
- Control Board integrated with ATS Panel
- Radiator with mechanical fan
- Protective grille for rotating and hot parts
- Electric starter and charge alternator
- Starting battery (with lead acid) including rack and cables
- Engine coolant and oil heater
- Fuel level sensor and heater
- Sound attenuated canopy with sub-base fuel tank and anti-vibration isolators
- Lifting points on top
- Door access sensors



- Motion sensor for unauthorized movement
- Lockable doors and internal fuel cap
- External fuel drainage pipes and protection lid
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Industrial exhaust silencer and steel bellows supplied separately(for open sets)
- Static battery charger
- Manual for application and installation

Opsiyonel Ekipmanlar

Yardımcı Ekipmanlar

- Ambient heater
- Resizable fuel tank
- Automatic or manual fuel filling system
- Electrical or manual oil drain pump
- Low and high fuel level alarm
- Inlet and outlet motorized louvers
- Inlet and outlet acoustic baffles
- Tool kit for maintenance
- 1500/3000 hours maintenance kit
- Supplied with oil and coolant (-30°C)

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