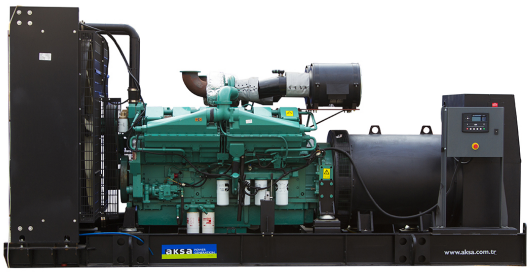

Ürün Hakkında

Aksa is committed to providing the most effective solution to the Data Center industry with the power it takes from engineering, production, distribution, and customer-oriented experience and knowledge. We are constantly improving designs, products and infrastructure to offer the highest level of reliability for Emergency Power Systems. While serving the industry in hundreds of countries Globally, we design our products and systems in line with the needs of Data Center practitioners at the center of our focus. Aksa generator group provides continuity, reliability and ideal performance for Data Centers.

Güç

3 Phase,50 Hz, PF 0.8

Voltaj (V)	STANDBY GÜÇ(ESP)		DCC GÜÇ (DCP)		DCC AKIM(A)
	kW	kVA	kW	kVA	
400 / 231	2200,0	2750	2000.00	2500	3969

Standby Güç (ESP) : Güvenilir şebeke kaynağının kesilmesi durumunda, değişken elektrik yük ihtiyacının karşılanmasında kullanılır. ESP, ISO 8528-1'e uygundur Aşırı yüklemeye izin verilmemiştir.

Data Center Continuous (DCP) : Veri merkezi gücü, bir jeneratör setinin değişken veya sürekli bir elektrik yükünü beslerken ve sınırsız çalışma saatleri boyunca sağlayabileceği maksimum güç olarak tanımlanır.
*Veri toleransı ±5%

Genel Özellikler

Model Adı	AC 2750
Frekans (Hz)	50
Yakıt Tipi	Diesel
Motor Marka ve Modeli	Cummins QSK60-G22
Alternatör Marka ve Modeli	Stamford S7L1D-J4
Kontrol Panel Modeli	InteliGen NT
Kabin Modeli	OpenGenset

Motor Özellikleri

Genel Bilgiler

Üretici	Cummins
Motor Modeli	QSK60-G22

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

Silindir Sayısı / Tipi	16 cylinders - V type
Bore mm (in)	159
Stroke mm (in)	190
Hacim l (cu. In)	60.2
Sıkıştırma Oranı	14.5:1
Motor Hızı (rpm)	1500
Standby Güç (kW/hp)	2351/3152
Blok Isıtıcı (Adt)	2
Blok Isıtıcı Gücü (Watt)	3000
Governor Sistemi	ECM
Hava Filtresi	Dry Type
Hava Emiş	Turbocharged and Low Temperature Aftercooled

Yağlama Sistemi

Yağ Kapasitesi l (qal)	378.5
Maks. Yağ Sıcaklığı ºC (F)	121

Yakıt Sistemi

Yakıt Tipi	Diesel
Enjeksiyon Tipi	Direct
Yakıt Pompa Tipi	Cummins MCRS

Elektrik Sistemi

Çalışma Voltajı (Vdc)	24 Vdc
Akü ve Kapasite (Adt/Ah)	4x143

Soğutma Sistemi

Soğutma Metodu	Water Cooled
Soğutma Suyu Kapasitesi (yalnızca motor)l (gal)	159

Egzoz Sistemi

Egzoz Gaz Debisi (m³/dk)	391.4
Egzoz Geri Basınç in-Hg (kPa)	6.1
Egzoz Gaz Sıcaklığı ºC (F)	579
Egzoza Geçen Isı kW (BTU/min)	1469

Radyatör

Toplam Soğutma Suyu Kapasitesi (l)	525
Soğutma Havası Harici Direnç (Pa)	125

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

Yakıt Tüketimi

%100 DCC Yükte Yakıt Tüketimi l/h (kg/h)	493
%75 DCC Yükte Yakıt Tüketimi l/h (kg/h)	365
%50 DCC Yükte Yakıt Tüketimi l/h (kg/h)	245

Alternator Özellikleri

Üretici	Stamford
Alternatör Model	S7L1D-J4
Frekans (Hz)	50
Güç (kVA)	2500
Voltaj (V)	400
Faz	3
A.V.R.	MX322
Voltaj Regülasyon	1
Yalıtım Sınıfı	H
Koruma Sınıfı	IP23
Nominal Güç Faktörü	0,8
Toplam Generator Ağırlık (kg)	4515
Sıcaklık Artış Sınıfı	H
Soğutma Havası (m³/dk)	186

Açık Jeneratör Boyutları

Uzunluk mm	5826
Genişlik mm	2408
Yükseklik mm	3105
Açık Gen.Set Brüt Ağırlık, Kuru kg	17500
Yakıt Tank Kapasitesi (l)	2000

Kontrol Paneli

Üretici	Comap
Kontrol Modül Modeli	InteliGen NT
İletişim Portları	MODBUS

1. Start
2. Stop
3. Mode > OFF > MAN > AUT > TEST
4. Fault Reset
5. Mode < OFF < MAN < AUT < TEST

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

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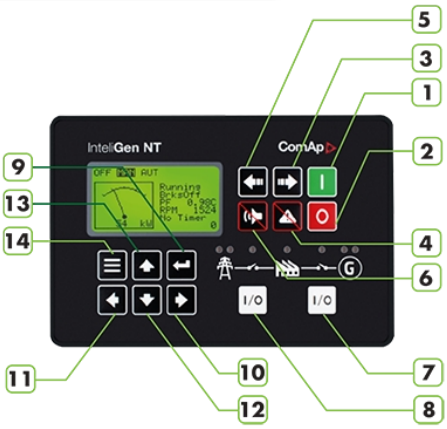

6. Horn Reset
7. GCB control (Open/Close)
8. MCB control (Open/Close)
9. Enter
10. 5% Increase of edited setpoint`s value.
11. 5% decrease of edited setpoint`s value.
12. Decrease setpoint value.
13. Increase setpoint value.
14. Escape.

Standart Cihazlar

InteliGen NT Auto Mains Failure control module.
Static battery charger.
Emergency stop push button and fuses for control circuits.

Kontrol Ünitesi

195Vac to 264Vac input voltage range
45Hz to 440Hz input supply frequency range
Capability to work direct from 240Vdc to 365Vdc supply voltage
27.6Vdc factory set DC out-put terminal voltage (option up to 29.4Vdc)
5.0Adc continuous output current into load
Capability to work continuously into short-circuit
Parallel connection for higher output current rating and redundant operation
Series connection capability for higher output voltage requirements
No cooling fans are used for high operational reliability
Aluminum alloy case for robust handling and easy mounting

Yapım ve Boya

Components installed in a sheet steel enclosure.
Phosphate chemical, pre-coating of steel provides corrosion resistant surface.
Polyester composite powder topcoat forms high gloss and an extremely durable finish.
Lockable hinged panel door provides for easy component access.

Montaj

Control panel is mounted generating set baseframe on robust steel stand or power module. Located at the side of generating set with proper panel visibility.

Opsiyonlar

- High oil temperature - Shutdown

Kontrol Paneli Uyumluluk Listesi

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

- Low fuel level - Shutdown
- Low fuel level - Alarm
- High fuel level - Alarm
- Customizable load control in parallel with the network
- Wide range of ECU support
- Highly configurable
- Timers, Internal PLC, Force values and more are compatible with ComAp's InteliVision displays
- Active e-mail messaging and SMS with communication modüle

EN 60068-2-6 ed.2:2008
EN 60068-2-27 ed.2:2010
EN 60068-2-30:2005
25/55°C, RH 95%, 48hours
EN 60068-2-64
EN 61010-1:2003

Statik Akü Şarj Cihazı

EBC 2405M is designed and optimized for charging all types of Lead Acid batteries (including jell type sealed Lead Acid batteries), protecting the battery and extending its useful lifetime EBC 2405M can deliver a continuous charging current of 5A into 24V battery system (voltage is set to 27.6Vdc, with an option of up to 29.4Vdc) These battery chargers are designed with performance in mind and special care is taken for protecting and extending the lifetime of the battery.

EBC 2405M is designed with “Switched Mode” technology, where the switching transistor has only two states, ON or OFF, which increases the overall efficiency, hence reducing the excess heat dissipation and in return, increasing the device lifetime and reliability.

The control system is also designed in such a way that; battery is charged in three stages:

Constant current mode (protecting battery cells)

Constant voltage mode (reducing the charge current)

Float charge (compensation of internal self-discharge)

Constant current mode makes sure that; when the battery is drained down below its rated capacity, the high charge current flow into the battery is limited in order to protect the cells and reduce damage to the plates.

As the battery capacity is recovered, each cell voltage reaches up to 2.30Vdc to 2.45Vdc level, which means that the required charging current starts to reduce.

When the required battery terminal voltage is fully reached, the charger keeps supplying just enough current in order to compensate for the internal self-discharge (float charge). This ensures that the battery can maintain its high charge state and deliver its rated output current whenever required.

Standart Ekipmanlar

- Water cooled diesel engine
- Radiator and electrical motor driven fan
- Protective cage to prevent rotating and touching hot parts
- Output breaker

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

- Electric starter and charge alternator
- Battery (lead acid), cables and stand
- Automatic synchronization and power control system (multiple parallel generator)
- Circulation pump (for engine block heater)
- Engine block water heater
- Steel chassis and anti-vibration wedges
- Fuel tank separate from the group
- Flexible fuel connection hoses
- Alternator with single bearing and H insulation class
- Industrial capacity muffler and flexible steel compensator
- Electronic battery charger
- Operating and installation instructions

Opsiyonel Ekipmanlar

Motor

- Fuel-Water Seperator Filter
- Oil heater

Alternatör

- Anti-Condensation Heater
- Over sized alternator
- PMG excitation + AVR
- Main line circuit breaker

Kontrol Paneli

- Automatic synchronising and power control system (Multi gen-set Parallel)
- Parallel system with mains
- Transition synchronization with mains
- Alarm output relays
- Earth fault, single set
- Parallel system with mains
- Remote relay output
- Remote communication with modem
- Charge Ammeter

Transfer Panosu

- Three or four pole contactor
- Three or four pole motor operated circuit breaker

Yardımcı Ekipmanlar

- Main Fuel Tank
- Automatic or manual fuel filling system
- Electrical 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)

Egzoz

- Residential Silencer
- Silencer Spark Arrester
- Critical Silencer
- Catalytic Convertor

Kabin

- Galvanized Coating
- ISO Container
- Marine Grade Paint

Opsiyonel Alternatör ve Kontrol Paneli

Please contact to your reseller for additional Alternator, Control Panel and Breaker Switch options.

Aksa Sertifikalar

Direktifler

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.

11/05/2026

- 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

Üretici haber vermeksizin model, teknik özellikler, renk, donanım ve aksesuarlarda değişiklik yapma hakkını saklı tutar.