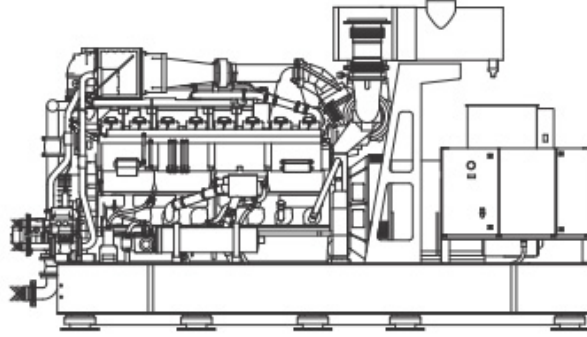




Ürün Hakkında

Güç

Monophase, 50 Hz, PF 1

Voltaj (V)	STANDBY GÜÇ(ESP)		PRIME GÜÇ (PRP)		STANDBY AKIM (A)
	kW	kVA	kW	kVA	

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	ACG 1160
Frekans (Hz)	50
Motor Marka ve Modeli	Cummins QSK60G5.
Alternatör Marka ve Modeli	Mecc Alte ECO 46-1,5S/4A
Kontrol Panel Modeli	AGC-4 Mk II
Kabin Modeli	OpenGenset

Motor Özellikleri

Genel Bilgiler

Üretici	Cummins
Motor Modeli	QSK60G5.
Silindir Sayısı / Tipi	16 cylinders - V type
Bore mm (in)	159 (6,26)
Stroke mm (in)	190 (7,48)
Hacim l (cu. in)	60 (3683)
Hava Emiş	Turbo Charged and After Cooled



Yağlama Sistemi

Yakıt Sistemi

Elektrik Sistemi

Soğutma Sistemi

Egzoz Sistemi

Yakıt Tüketimi

Alternator Özellikleri

Üretici	Mecc Alte
Alternatör Model	ECO 46-1,5S/4A
Frekans (Hz)	50
Güç (kVA)	1480
Voltaj (V)	400
Faz	3
A.V.R.	DER1
Voltaj Regülasyon	0.5
Yalıtım Sınıfı	H
Koruma Sınıfı	IP23
Nominal Güç Faktörü	1
Toplam Generator Ağırlık (kg)	3380
Sıcaklık Artış Sınıfı	F
Soğutma Havası (m³/dk)	135

Açık Jeneratör Boyutları

Uzunluk mm (ft)	4730 (15,5)
Genişlik mm	2099 (6,9)
Yükseklik mm (ft)	2972 (9,8)
Açık Gen.Set Brüt Ağırlık, Kuru kg	TBD

Kontrol Paneli

Üretici	DEIF
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Kontrol Modül Modeli

AGC-4 Mk II

İletişim Portları

CANBUS



- Terminal 1-28, power supply
- Terminal 29-36, communication
- Terminal 37-64, in-/outputs/load sharing
- Terminal 65-72, governor, AVR, in-/outputs
- Terminal 73-89, AC measuring
- Terminal 90-97, in-/outputs
- Terminal 98-125, engine I/F
- Terminal 126-133, engine communication, in-/outputs
- LED I/F and Ethernet

Standart Cihazlar

- Additional CAN bus based I/O (9 x CIO modules)
- Redundant controller
- Redundant CAN bus for Power management
- N+X configuration
- Close Before Excitation / Run-up synchronization from 6 seconds
- DEIF digital AVR DVC550 support
- Multi purpose PIDs

Kontrol Ünitesi

The AGC-4 Mk II is a configurable controller that can be used in applications ranging from a single controller for one genset, to complete power management systems. The controller contains the 3-phase measuring circuits and all the functions required to protect and control a genset. The controllers can also be used to protect and control mains connections, tie breakers, and bus tie breakers.

Yapım ve Boya

Controller: IP20. DU-2 display and AOP: IP40 (IP54 with gasket: Option L).
UL/cUL Listed: Type Complete Device, Open Type. To EN/IEC 60529

Montaj

The controller is designed for mounting inside the panel. The DU-2 display can be installed on the panel door and connected to the controller with a display cable.

Standart Özellikler

- Automatic Mains Failure sequence
- Multi-master Power Management
- Power Management Core (32dg)
- Power Management Extended (>32dg)
- RMB Transformer maintenance with up to 32 gensets
- PLC logic
- Engine CAN bus
- DIN rail mount
- Flexible Hardware



Opsiyonlar

- Terminal 1-28, power supply
- 8 to 36 V DC supply, 11 W; 1 x status output relay; 5 x relay outputs; 2 x pulse outputs (kWh, kvarh or configurable open collector outputs); 5 x digital inputs
- Terminal 29-36, communication
- Modbus RTU (RS-485)
- Profibus DP

Kontrol Paneli Uyumluluk Listesi

- EN/IEC 61010-1, installation category (over-voltage category) III, 600 V, pollution degree 2
- EN/IEC 60255-27 over-voltage category III, 600 V, pollution degree 2
- UL/ULC 6200:2019 1.ed, over-voltage category III, 600 V, pollution degree 2
- Gridcode compliant with: VDE AR-N 4110/4105 (Medium voltage, Germany, VDE AR-N 4105 (low voltage, Germany, EN 50549-1:2019 (Europe), ENA EREC G99 (United Kingdom)
- TÜV and UL approved
- Tier4 final/stageV

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.

Opsiyonel Ekipmanlar

Motor

- Fuel-Water Separator 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

Transfer Panosu

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



- Parallel system with mains
- Remote relay output
- Remote communication with modem
- Charge Ammeter

Yardımcı Ekipmanlar

- Main 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)

Kabin

- Galvanized Coating
- ISO Container
- Marine Grade Paint

Egzoz

- Residential Silencer
- Silencer Spark Arrester
- Critical Silencer
- Catalytic Converter

Opsiyonel Alternatör ve Kontrol Paneli

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