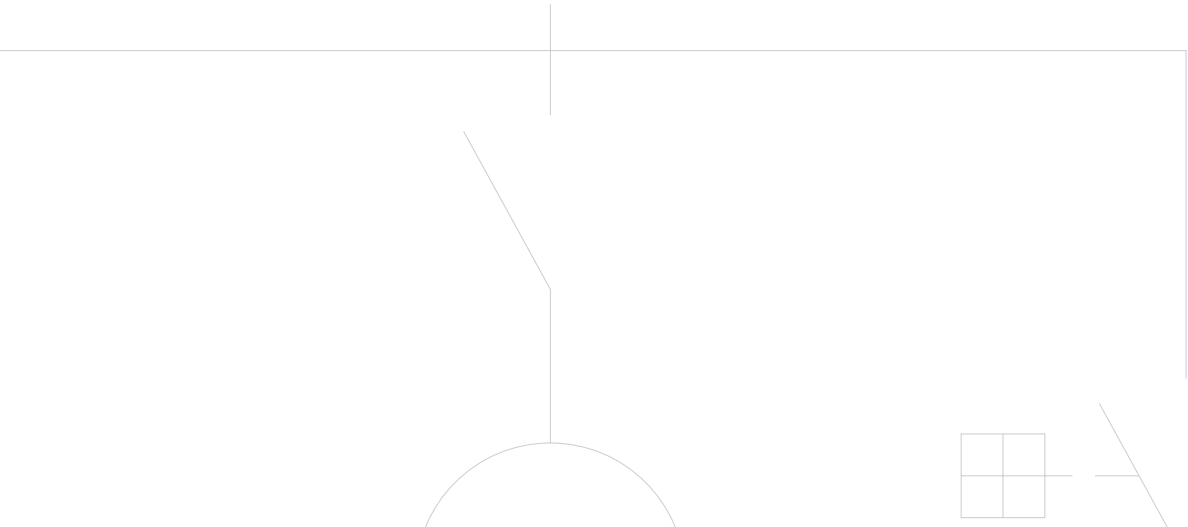


Synchronous Alternators

G Aircraft Line
400 Hz



A color palette consisting of 14 rectangular swatches in various shades of blue and cyan, arranged in two columns of seven. A white circle highlights the third and fourth swatches in the left column. Below the color palette is the WEQ logo, which consists of the letters 'WEQ' in a stylized, bold, blue font.



Synchronous Alternators

G Aircraft Line 400 Hz

WEG 400 Hz alternators are developed for Ground Power Units (GPU), driven by diesel engines and responsible to ensure the supply of electrical power to the aircrafts.

The GPU's are usually applied when aircrafts are under maintenance or stays a long time on ground. They replace the aircraft APU (Auxiliary Power Unit) providing a fuel economy, maintenance savings and noise reduction.



Main Features

- Powers: 30 to 320 kVA
- Frequency: 400 Hz
- Poles: 20, 24 and 26
- Voltages: 208/120 V ac or 200/115 V ac
- Ambient temperature: -25 °C to 50 °C
- Insulation class: H (180 °C)
- Power factor: 0.8
- Altitude: 1,000 m (MASL)
- Excitation: brushless
- Degree of protection: IP21 or IP23
- Single bearing with flexible coupling discs
- Harmonic distortion $\leq 3\%$

Construction

WEG alternators are designed and manufactured according to the requirements of NBR 5117, VDE0530 - part 1, IEC 60034.1 Norms.

Applications

Alternators driven by diesel engine for power supply of aircrafts on ground - GPU (Ground Power Unit).

Certification

WEG's quality system is certified according to the requirements of ISO 9001/14001 Norms. The quality system is audited and certified by the Bureau Veritas Quality Institute.

For those countries where there is not a WEG own operation, find our local distributor at www.weg.net.



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