

CCR-2100C

Stackable Sine Wave output Constant Current Regulator – AES



Contact details:



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Compliance

- ICAO Aerodrome Design Manual Part. 5
- FAA AC 150/5345-10
- IEC: 61822
- AENA: PPT_002-05_13

Uses

Switch mode constant current regulator especially designed to power airport lighting series circuits at various intensity levels.

Features

- Tested by BV and proved in conformity with IEC 61820-3-2 and IEC 61822.
- Small size and low weight, stackable on industrial shelves for reducing the footprint.
- Pure sine wave output, effectively increase life expectancy of luminaires.
- Low temperature rise and small size by using state of the art high frequency MOSFET technology.
- Power factor exceeding 0.99.
- Up to 6 brightness steps, user adjustable output current.
- Lightning protection at both input and output sides.
- 32-bit high speed processor providing microsecond speed in transaction.
- 7 inches full color touch screen provides rich information and parameter settings.
- Lamp fault detection provides accurate detection of faulty luminaires.
- 1GΩ high precision on-line insulation resistance measurement.
- Optional built-in ILCMS controller.

Technical Data

Operating temperature • -30°C~+55°C

Power Factor (nominal) • ≥0.99

Emission • IEC 61000-6-4

Protection Class • IP2X

Tolerance • ±0.1A

Remote Control • Multi-wire (DC24V/48V),
Redundant Modbus/Modbus-TCP,
PROFIBUS and CAN

Humidity • 10%~95%

Open Circuit Output Voltage •
<1.3 times the rated output voltage

Immunity • IEC 61000-6-2

Input Voltage • AC
220/230/380/400V±10% 50/60Hz

Output Power • 2.5~15 kVA

Altitude • ≤5000m

Efficiency • ≥95%

Service Life • >12 years

Ratings • 2.5, 5, 7.5, 10, 12.5,
15kVA.

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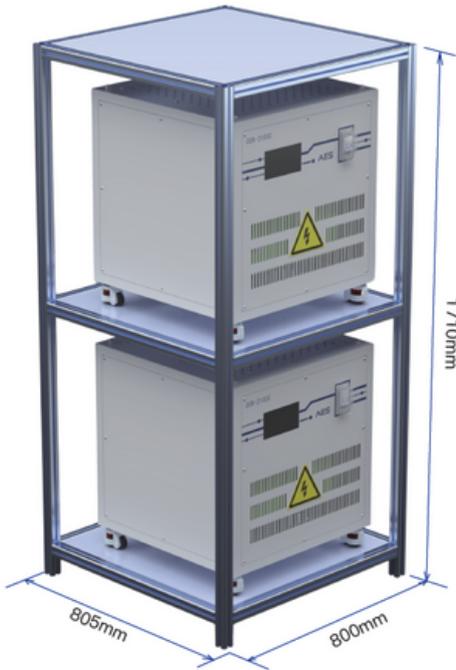
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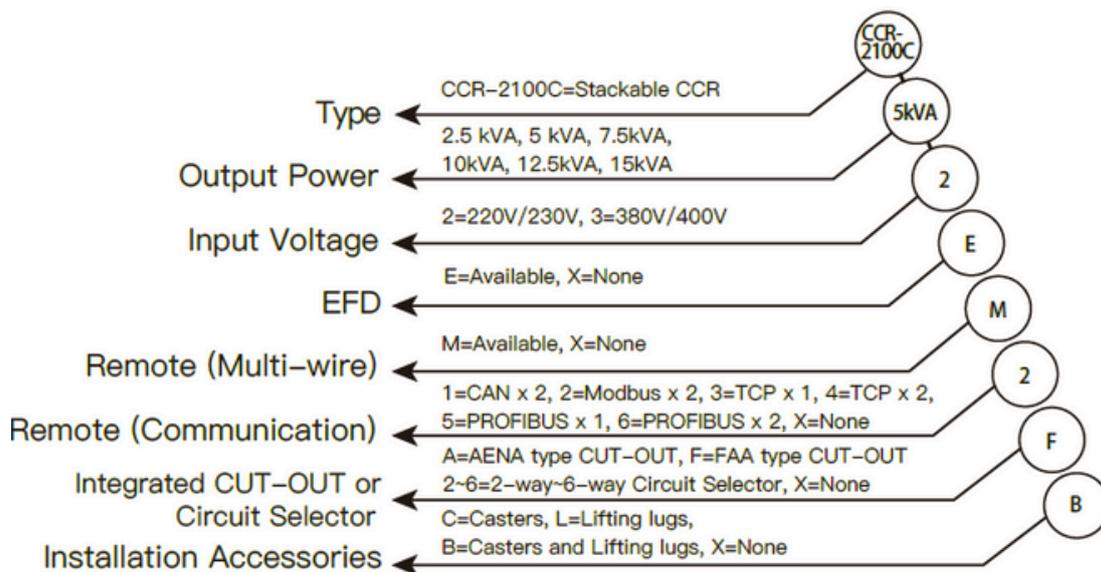
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Dimensions



Order code



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