

als

Airfield Lighting Systems (UK) Limited



CCR-2100S
Constant Current Regulator
IGBT TYPE

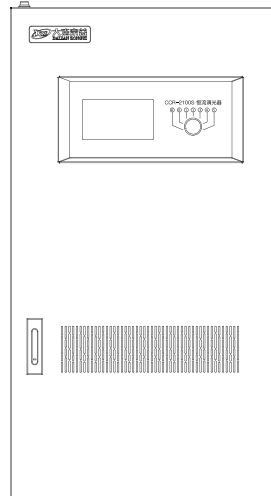
ICAO • Aerodrome Design Manual Part 5 FAA • AC 150/5345-10
EASA • CS-ADR-DSN IEC • 61822
AENA • DIN/DSEYN/PPT/002-05/13 CAAC • MH/T 6010

FEATURES

- **IEC 61822**
Tested by BV and proved in conformity with IEC 61822
- **CE**
EU CE certified
- **IGBT**
IGBT high frequency PWM and pure sine wave output
- **32-BIT**
32-bit high speed processor providing microsecond speed in transaction
- Up to 6 brightness steps, user adjustable output current
- 1000M high precision on-line insulation resistance measurement
- Lamp fault detection provides accurate detection of burnt lamps
- Natural cooling and no noise
- **0.99**
Power factor exceeding 0.99
- Perfectly suitable for loads of various characteristics
- Effectively increase life expectancy of light sources
- 7 inches full color touch screen provides rich information
- Flexible parameter settings
- Lightning arrestors at both input and output sides
- Comprehensive over current and over voltage protection
- Various types of remote control interfaces
- **100+**
Choice of 100+ airports worldwide

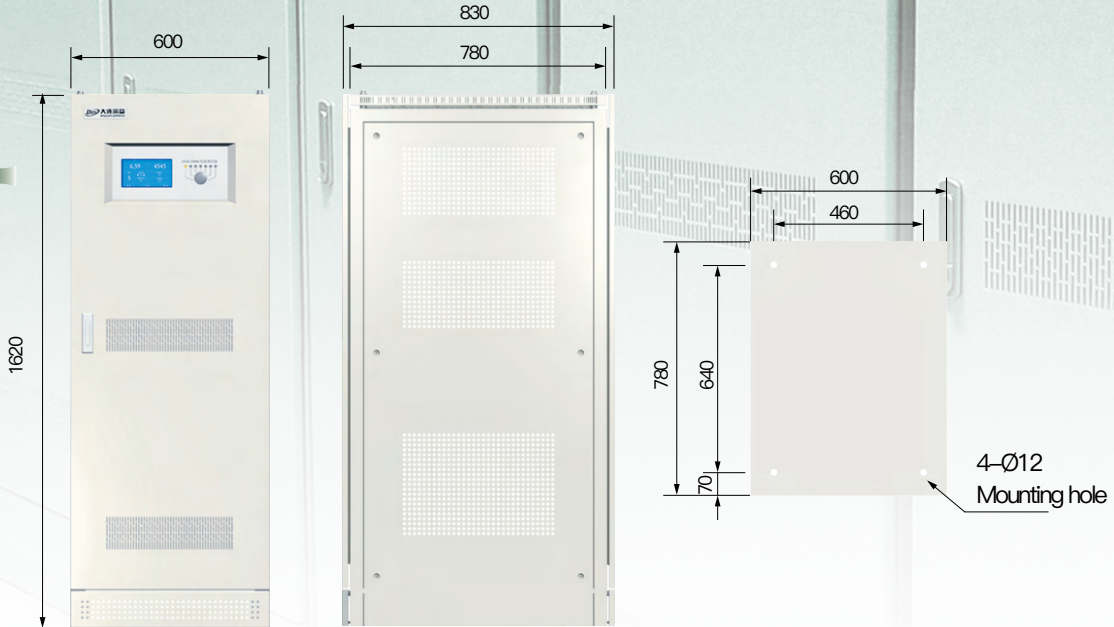
TECHNICAL DATA

Operating Temperature • -30°C~+55°C	Humidity • 10%~95%	Altitude • ≤5000m
Power Factor (nominal) • ≥0.99	Open Circuit Output Voltage • <1.3 times the rated output voltage	Efficiency • ≥92%
Emission • IEC 61000-6-4	Immunity • IEC 61000-6-2	Service Life • >12 years
Protection Class • IP21	Input Voltage • AC 220/230/380/400V±10% 50/60Hz	
Tolerance • ±0.1A	Output Power • 2.5-30kVA (AC 380/400V) 2.5-20kVA (AC220/230V)	
Remote Control • Redundant CAN/Modbus and multi-wire (DC24V/48V)		





DIMENSIONS



ACCESSORIES

- © Series circuit cut-out switch
- © Circuit selector switch

PACKAGING

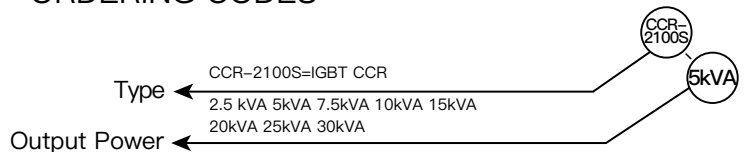
Power (kVA)	Dimensions (L x W x H, mm)	Net Weight (kg)		Gross Weight (kg)	
		380V/400V	220V/230V	380V/400V	220V/230V
2.5	730×980×1850	210	210	260	260
5		240	240	290	290
7.5		290	290	340	340
10		290	310	340	360
15		310	370	360	420
20		370	425	420	475
25		425	/	475	/
30		456	/	506	/

* Above data are reference values of one unit of standard CCR

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ORDERING CODES



* Accessories should be ordered separately