

## DTS – CCR-2100S IGBT

# AIRFIELD GROUND LIGHTING SOLUTIONS



**CCR-2100S Constant Current Regulator  
IGBT TYPE**

## DTS – CCR-2100S IGBT



### 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

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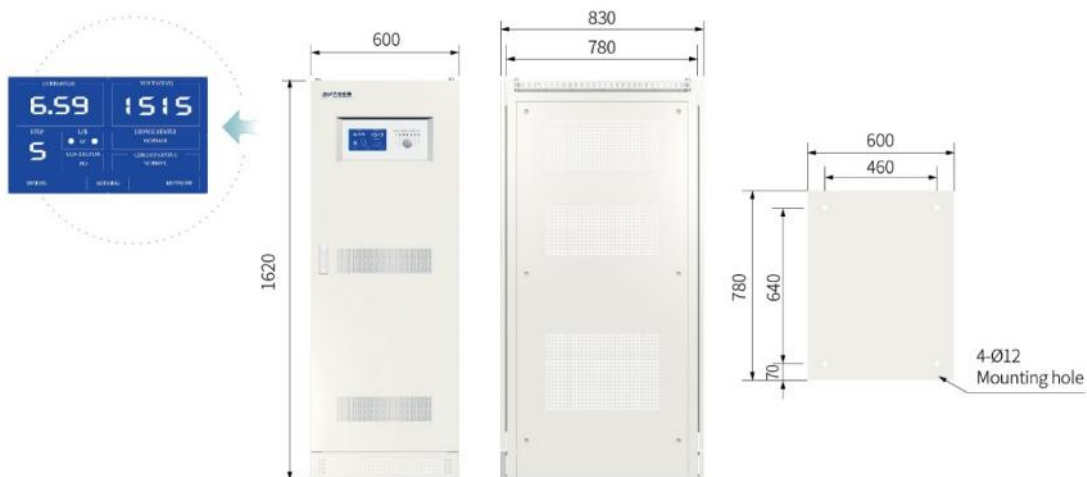
## TECHNICAL DATA



- Operating Temperature -30°C~+55°C
  - Humidity 10%~95%
  - Altitude ≤5000m
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- Protection Class IP21
  - Input Voltage AC 220/230/380/400V±10% 50/60Hz
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- Output Power 5-30kVA (AC 380/400V) 5-20kVA (AC220/230V)
  - Tolerance ±0.1A
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- Power Factor (nominal) ≥0.99
  - Efficiency ≥92%
  - Open Circuit Output Voltage <1.3 times the rated output voltage
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- Remote Control Redundant CAN/Modbus and multi-wire (DC24V/48V)
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- Emission IEC 61000-6-4
  - Immunity IEC 61000-6-2
  - Service Life >12 years



## DIMENSIONS



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Airfield Ground Lighting Solutions



## ACCESSORIES

- Series circuit cut-out switch
- Circuit selector switch



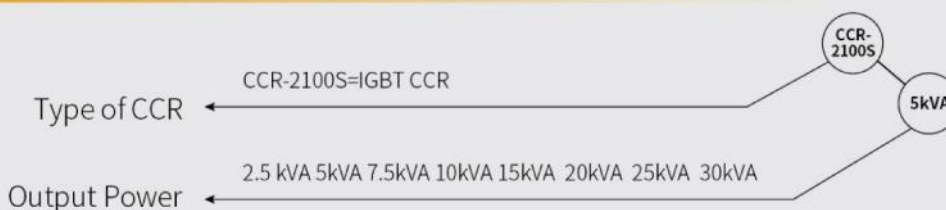
## PACKAGING

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



## ORDERING CODES



\* Accessories should be ordered separately