

als



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

DTS – CCR-2100S IGBT



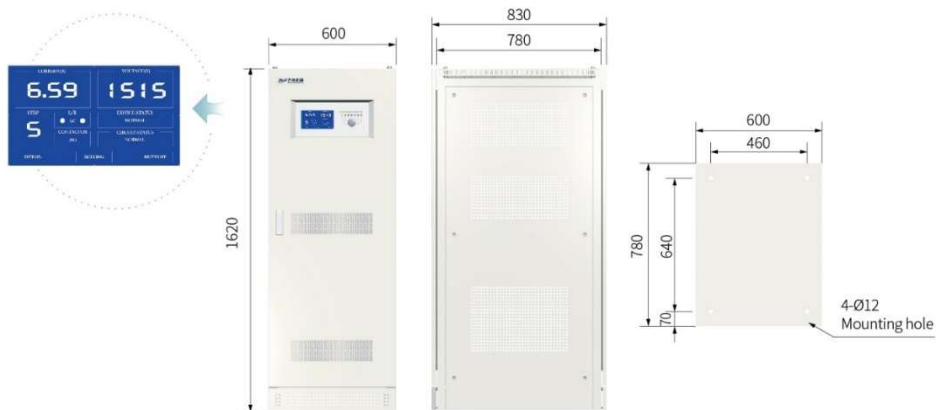
TECHNICAL DATA



- 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
-
- Output Power
5-30kVA (AC 380/400V) 5-20kVA (AC220/230V)
 - Tolerance
±0.1A
-
- Power Factor (nominal) ≥0.99
 - Efficiency ≥92%
 - Open Circuit Output Voltage <1.3 times the rated output voltage
-
- 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




DTS – CCR-2100S IGBT

Airfield Ground Lighting Solutions



ACCESSORIES


- Series circuit cut-out switch
- Circuit selector switch
- Remote control : single/redundant Profibus or TCIP



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

Type of CCR ← CCR-2100S=IGBT CCR

Output Power ← 2.5 kVA 5kVA 7.5kVA 10kVA 15kVA 20kVA 25kVA 30kVA

★ Accessories should be ordered separately