

AIRFIELD LIGHTING SYSTEM



CONSTANT CURRENT REGULATOR

- CCR-MSC Mini Constant Current Regulator (IGBT)

Compliance with Standards (current version)

ICAO DOC 9157, Part 5
IEC 61822

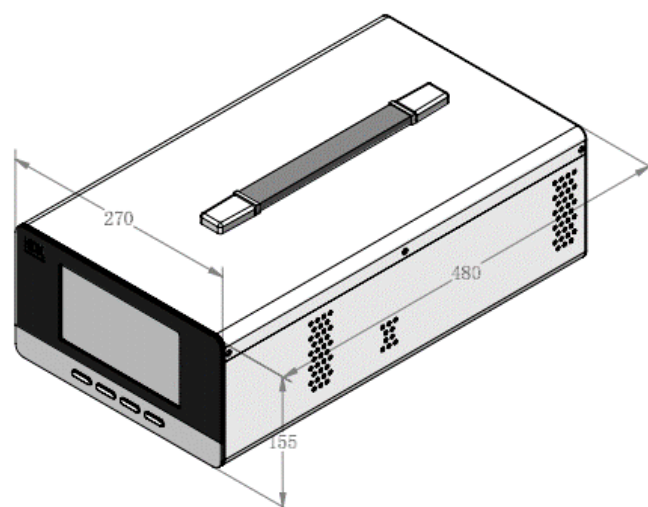
KEY FEATURES

- CCR-MSC is designed based on sine wave (IGBT) principle, high accuracy of regulation with stable constant current output
- Universal compatibility, with output current flexibly adjustable between 2.7A and 6.7A, Each key press adjusts the current in 0.1A steps. It also pre-sets 5 step brightness (2.8A/3.4A/4.1A/5.2A/6.6A) and has a rated capacity of 500VA
- User-friendly operation, A high-definition LCD screen intuitively displays device status and key parameters such as output current, voltage and capacity, with physical buttons enabling easy execution of all operations.
- Stable & durable, adopts an integrated structure and modular circuit design to effectively guarantee stability during long-term operation
- Safe & reliable,Built-in multiple protection mechanisms against overcurrent, abnormal temperature, undervoltage, etc, it automatically cuts off the output in case of malfunctions for worry-free operation.

TECHNICAL DATA

MECHANICS	
Model	CCR-MSC
Product Size	480mm×270mm×155mm
Packing Dimensions	600mmx350mmx325mm
Net Weight	12.5kg
Gross Weight	22kg
ENVIRONMENTAL	
Operating Temperature	-5℃ ~+55℃
Storage Temperature	-40℃ ~+55℃
Protection Class	IP21 (IEC 60529)
ELECTRICAL	
Power Input	220V±22V AC 50Hz±5Hz
Output Capacity	500VA
Current Accuracy	±0.05A
Current Stability	< 3%
Power Supply Cable	250V 10A
Power Output Cable	Secondary Cable FAA L-823 Style 11

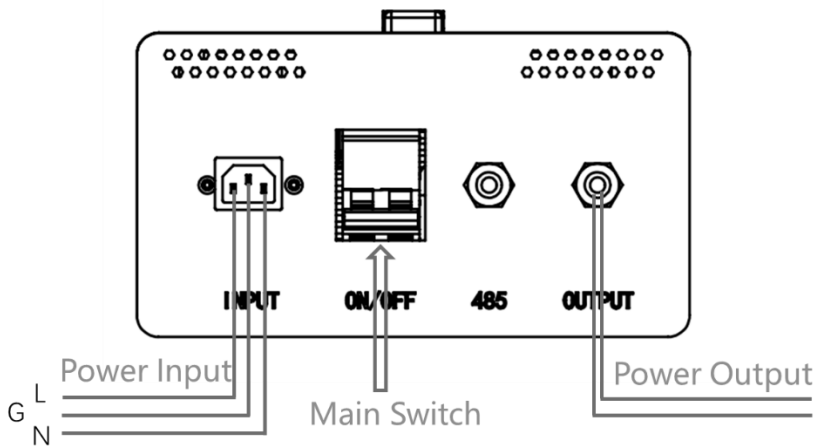
DESIGN



Major Dimensions of The CCR

Circuit Connection of CCR

- Connect one end of the power input cable to the power input port on the back of the device, and the other end to a 220V power socket. Ensure the power socket is grounded.
- Connect one end of the Gland of the secondary power output cable to the output port on the back of the device, and the other end to the light fixture.



ORDERING CODE

	CCR	-	MSC	-	1	A	-	1	-	
Function / Application CCR: Constant Current Regulator	●									
Style MSC: Mini Sine Wave Constant Current Regulator			●							
Power Input 1: 220VAC					●					
Power Frequency A: 50Hz						●				
Output Capacity 1: 500VA								●		
Version Customize: This option is not filled in by default,unless otherwise required									●	