



Data Centre Solutions

Energy Storage System Cooling 15.5kW (Indoor type)



15.5
kW

Description

This advanced climate control unit combines cutting-edge technology with a compact, all-in-one design for easy installation and efficient operation. Featuring an inverter compressor, EC fan, EEV, and PTC heater, it delivers precise temperature and humidity control. With a 7-inch intelligent touchscreen, flexible networking options, and robust protection features, it is ideal for environments requiring reliable and intelligent environmental management.

Features

- All-in-One Design for simplified installation
- Equipped with Inverter Compressor, Electronic Expansion Valve (EEV), and EC Fan
- Includes PTC Heater and a Flexible Dehumidification Function
- 7-Inch Intelligent Touchscreen for intuitive control
- Supports RS485 and optional SNMP communication
- Group Control via CAN Communication
- Multi-Function Alarm Output with comprehensive protection features

Application

- Energy storage
- Solar industry
- New Energy & Power industry

Product Details

- 15.5kW(@ indoor 27°C/50%, outdoor 35°C)
- 380V±15%, 50/60Hz, 3phase
- Floor-standing or Wall-mounted
- Upflow air supply, Air volume: 5000m³/h
- Application Environment: -40°C~+50°C

Type	Model	Indoor 15.5kW
Configuration	Total cooling capacity (kW)	15.5
	Cooling way	Refrigeration/Constant temp.
	IP Grade	IP20
	Ton (USA)	4.41
	Sensible Heat Ratio (W/W)	0.88
	EER (W/W)	2.68
	Application	-40°C~+50°C
	Installation	Floor / Wall-mounted
Heater	Heating Capacity (kW)	6
	Current (A)	13.6
Power Supply	Max Input Power (kW)	8
	Rated Power (kW)	5.81
	Full Load Current (A)	14
	Rated Current (A)	10.61
	MCA (A)	1.47
	MOP (A)	14
	Power type	380V 3PH-50Hz/60Hz
Compressor	Type	Inverter Rotor
	Refrigerant	R410A
	COP (W/W)	4.26
	Input Power (kW)	4.06
Evaporator Fan	Input Current (A)	6.81
	Type	EC Centrifugal fan
	Input Power (kW)	0.5
	Input Current (A)	1.47
Condenser Fan	Air Volume (m ³ /h)	5000
	Type	EC Centrifugal fan
	Input Power (kW)	1.25
	Input Current (A)	2.33
Dimension & Weight	Air Volume (m ³ /h)	6500
	Width (mm)	800
	Depth (mm)	650
	Height (mm)	1800
	Weight (kg)	215

To place an order, use the contact details below.