



Data Centre Solutions

Energy Storage System Cooling 7.5kW (Indoor type)



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

- 7.5kW(@ indoor 27°C/50%, outdoor 35°C)
- 220V±15%, 50/60Hz, 1phase
- Floor-standing or Wall-mounted
- Upflow air supply, Air volume: 2500m³/h
- Application Environment: -40°C~+50°C

Type	Model	Indoor 7.5kW
Configuration	Total cooling capacity (kW)	7.5
	Cooling way	Refrigeration/Constant temp.
	IP Grade	IP20
	Ton (USA)	2.13
	Sensible Heat Ratio (W/W)	0.89
	EER (W/W)	2.64
	Application	-40°C~+50°C
	Installation	Floor / Wall-mounted
Heater	Heating Capacity (kW)	5.5
	Current (A)	25
Power Supply	Max Input Power (kW)	5.72
	Rated Power (kW)	2.7
	Full Load Current (A)	26
	Rated Current (A)	12.81
	MCA (A)	2.51
	MOP (A)	26
	Power type	220V 1PH-50Hz/60Hz
Compressor	Type	Inverter Rotor
	Refrigerant	R410A
	COP (W/W)	3.66
	Input Power (kW)	2.04
Evaporator Fan	Input Current (A)	7.55
	Type	EC Centrifugal fan
	Input Power (kW)	0.38
	Input Current (A)	2.51
Condenser Fan	Air Volume (m³/h)	2500
	Type	EC Centrifugal fan
	Input Power (kW)	0.42
	Input Current (A)	2.75
Dimension & Weight	Air Volume (m³/h)	3000
	Width (mm)	700
	Depth (mm)	550
	Height (mm)	1800
	Weight (kg)	163

To place an order, use the contact details below.