

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

LIFEBOAT AND RESCUE BOAT ACCESSORIES

CUHD-D Marine DC Uninterruptible Power Supply

- ISO9001 Supplier
- Class Certificate
- Export Supply

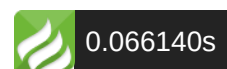
CUHD-D Marine DC uninterruptible power supply: This series of products meet the specifications and standards of domestic and international marine industry related electrical equipment. 1. Comp...



Key Highlights

Category	Lifeboat And Rescue Boat Accessories
Standard	DIN
Weight / Size	This series of products can provide all elements of function, size and i...
Certificate	CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



Technical Specifications

Category	Lifeboat And Rescue Boat Accessories	Model / SKU	CUHD-D-Marine-DC-Uninterruptible-Power-Supply
Standard	DIN	Weight / Size	This series of products can provide all elements of function, size and installation.

Surface

Capacity (KW) 0.5 1 1.5 1.8 2.4
 3.6 4.8 6 Input Rated voltage
 Single-phase 220VAC / three-
 phase 380VAC / three-phase
 440VAC Rated frequency
 45~65HZ Input range Three-phase
 Bypass Conversion method
 Automatic and manual switching
 Output Rated voltage 24VDC
 (12VDC/48VDC/110VDC/220VDC
 can choose) Voltage accuracy
 $\pm 1\%$ Switching time 0ms Features
 Dry contact Input under-voltage,
 input over-current, input over-
 temperature, input over-current,
 input short-circuit protection Meter
 Main power supply, battery
 discharge, bypass power supply,
 low battery, low insulation, ESD
 battery trip, UPS system failure,
 maintenance bypass, public alarm
 Instructions Output voltage, output
 current, output insulation meter
 Instructions Operation status
 indication, mute and test light
 function, sound and light alarm
 Charge Charging mode Constant
 current first, then constant voltage
 Recharging current
 0.1C~0.15C(Adjust according to
 battery capacity setting)
 Charging time ≤ 10 Hours Battery
 Type of battery Sealed lead-acid
 surface maintenance battery
 Battery voltage 24VDC
 (12VDC/48VDC/110VDC/220VDC
 can choose) Backup time ≥ 30
 Minutes (Can be customized)
 Structure Box size (WxDxH)mm
 600x350x700 600x350x1200
 650x450x1300 700x500x1300
 700x600x1300 700x500x1600
 700x600x1600 Weight (kg) 35 150
 171 236 288 382 462 Installation
 method Floor-standing Protection
 class IP22/IP23/(IP44 Can be
 customized) Cabinet color
 RAL7035(Other colors can be
 customized) Environmental
 parameters Operating ambient
 temperature $-0^{\circ}\text{C}\sim +50^{\circ}\text{C}$
 Operating environment humidity

Certificate

CCS



	0~95% (Non-condensing) Cooling method Forced air cooling Standards and certifications Standard CCS GD22-2015、 IEC62040、 IEC61000、 IEC60068-2 Certification CCS Type approval		
Warranty	12 Months unless specified otherwise	Origin	China

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■ CUHD-D Marine DC uninterruptible power supply:

■ Technical data:

CUHD-D Marine DC uninterruptible power supply:

This series of products meet the specifications and standards of domestic and international marine industry related electrical equipment.

1. Comprehensive protection functions: with input undervoltage, overvoltage protection, output overvoltage protection, short circuit and overtemperature protection.
2. Multi-channel alarm passive dry contact output can monitor all states that may occur during UPS operation.
3. The built-in regulated power supply and charging power module have obtained CCS type approval, digital control, and parallel design for easy expansion.
4. Built-in independent voltage stabilization and charging module, user-friendly battery maintenance: constant current equalization charge-constant voltage equalization charge-float charge trickle charge three-phase automatic cycle to extend the service life of lead-acid batteries.
5. Front maintenance design, testing and maintenance are more convenient.
6. This series of products can provide all elements of function, size and installation.
7. All series of DC UPS power supplies have been approved by China Classification Society.

Technical data:

Capacity (KW)		0.5	1	1.5	1.8	2.4	3.6	4.8	6
Input	Rated voltage	Single-phase 220VAC / three-phase 380VAC / three-phase 440VAC							
	Rated frequency	45~65HZ							
	Input range	Three-phase							
Bypass	Conversion method	Automatic and manual switching							
Output	Rated voltage	24VDC (12VDC/48VDC/110VDC/220VDC can choose)							
	Voltage accuracy	±1%							
	Switching time	0ms							

Features	Dry contact	Input under-voltage, input over-current, input over-temperature, input over-current, input short-circuit protection							
	Meter	Main power supply, battery discharge, bypass power supply, low battery, low insulation, ESD battery trip, UPS system failure, maintenance bypass, public alarm							
	Instructions	Output voltage, output current, output insulation meter							
	Instructions	Operation status indication, mute and test light function, sound and light alarm							
Charge	Charging mode	Constant current first, then constant voltage							
	Recharging current	0.1C~0.15C(Adjust according to battery capacity setting)							
	Charging time	≤10 Hours							
Battery	Type of battery	Sealed lead-acid surface maintenance battery							
	Battery voltage	24VDC (12VDC/48VDC/110VDC/220VDC can choose)							
	Backup time	≥30 Minutes (Can be customized)							
Structure	Box size (WxDxH)mm	600x350 x700	600x350 x1200	650x450 x1300	700x500 x1300	700x600 x1300	700x500 x1600	700x600 x1600	
	Weight (kg)	35	150		171	236	288	382	46 2
	Installation method	Floor-standing							
	Protection class	IP22/IP23/(IP44 Can be customized)							
	Cabinet color	RAL7035(Other colors can be customized)							
Environmental parameters	Operating ambient temperature	-0°C~+50°C							
	Operating environment humidity	0~95% (Non-condensing)							
	Cooling method	Forced air cooling							
Standards and certifications	Standard	CCS GD22-2015、 IEC62040、 IEC61000、 IEC60068-2							
	Certification	CCS Type approval							