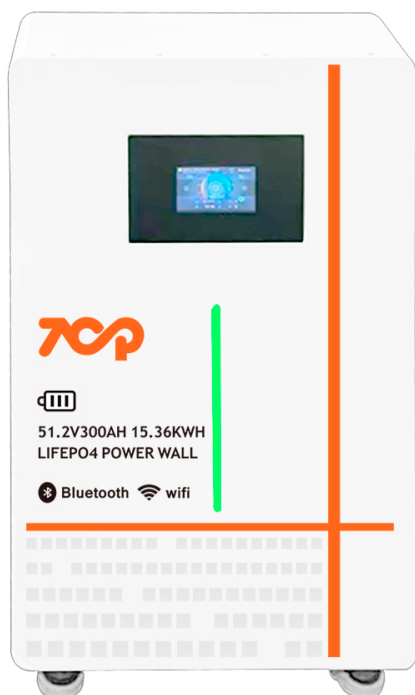




51.2V300Ah LiFePO4



Compact design and safety protection



Easy installation and after sales service



>6,000 Cycles at 90% DOD



LiFePO4 safe battery chemistry



Intelligent build in BMS

CAUTIONS

- ◆ Do NOT short circuit.reverse polarity.crush or disassemble
- ◆ Do NOT heat or incinerate
- ◆ Do NOT immerse in any liquidStore at 30-50% SOC.Recharging every 3 months is recommended.The storage area should be clean.cool.dry and ventilated

APPLICATIONS

- ◆ Solar energy Storage
- ◆ Telecom Base station
- ◆ Communication equipment
- ◆ Central office
- ◆ UPS

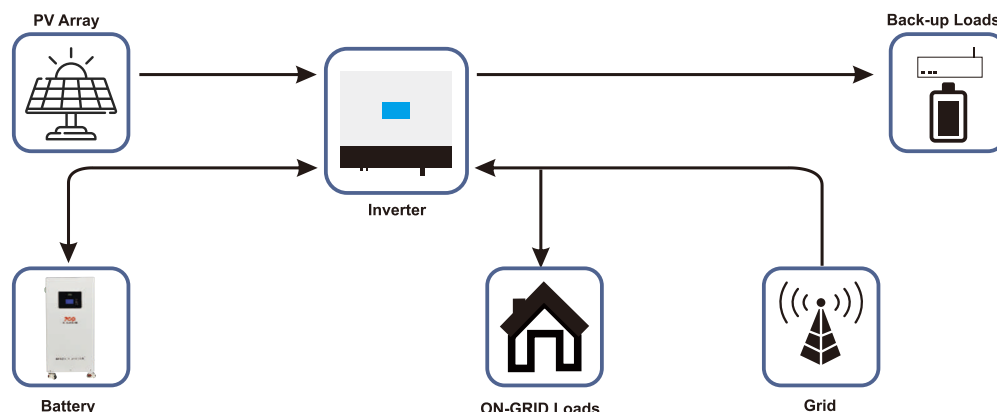
TECHNICAL PARAMETERS

Model	TOP-51300T
Battery Type	51.2V300Ah LiFeP04
Nominal Energy (Wh)	15360Wh
Round - Trip Efficiency	>96%
Nominal Voltage (V)	51.2
Operating Voltage (V)	43.5-58
Maximum Charge Current	100A
Maximum Continuous Discharge Current	150A
Communication	CAN/RS232/RS485
Enclosure Protection Rating	IP21
Charge Temperature (°C)	0~45
Discharge Temperature (°C)	-20~60
Cooling Type	Natural Cooling
Installation	Floor Standing
Cycles Life	>6,000
Design Life	10+ Years (25°C@77°F)
Recommend DOD	90%
Dimension (W " H * D , mm)	850*500*235
Weight (Kg)	116.8Kg
Humidity	5%~95%
Altitude (m)	<2,000
Warranty	5 Years
Cell Safety standard	IEC62619,UL1973,UL9540A,UN38.3
Configuration	IP16S

Product specifications are subject to change without notice .

Floor Standing Lithium Battery

CONNECTION DIAGRAM



COMPATIBILITY WITH MARKET LEADING INVERTER

 BMS Protocol matching dc-to-ac inverter brand list

RS485 Protocol

CAN Protocol

Protocol name	Protocol shorthand	icon	Protocol name	Protocol shorthand	icon
Cpsypower	Cpsy Protocol		Growatt	Growatt protocol	
SRNE	SRNE Protocol		PYLONTECH	PYLONTECH Protocol	
PYLONTECH	PYLONTECH Protocol		LUXPOWER	LUX PROTOCOL	
Growatt	Growatt protocol		GOODWE	GOODWE Protocol	
LUXPOWER	LUX Protocol		MEGAREVO	MEGAREVO Protocol	
Voltronic	Voltronic protocol		SOFAR	SOFAR Protocol	
GOODWE	GOODWE Protocol		SOROTEC	SOROTEC PROTOCOL	
Topband	Topband Protocol		DEYE	DEYE Protocol	
AC	Ac Protocol		VICTRON	VICTRON Protocol	
Fecility	Fecility Protocol		Changfeng	Changfeng Protocol	
Voltronic	San Ke Protocol		MUST	MUST Protocol	
Shark	Shark Protocol		SMA	SMA Protocol	
			GROWATT _(gridtype)	GROWATT Protocol	
			TBB	TBB Protocol	

ATTENTION: If make other brands dc-to-ac inverter Provides direct protocol matching

	电芯技术规格书		版 本	A/1
			页 码	
文件编号		生效日期	2022/08/22	

电芯技术规格书

Technical Specification

300Ah 磷酸铁锂锂离子电芯(储能型)
产品

300Ah LFP cell for energy storage

型号 Type: LFP71173207/280Ah

版本 Version: A/1

客户名称:
Client:
客户确认（盖章）：对本规格书内容无异议。
Client confirmation (seal): There is no objection to the content of this specification.
客户确认日期:
Client confirmation date:

		电芯技术规格书		版 本	A/1
				页 码	
文件编号			生效日期	2022/08/22	
	额定(标称)容量 Nominal capacity	300Ah		(25±2)℃，标准充放电 (25±2)℃, standard charge and discharge	
	标称电压 Nominal voltage	3.2V		(25±2)℃，标准充放电 (25±2)℃, standard charge and discharge	
	额定能量 Nominal energy	960Wh		(25±2)℃，标准充放电 (25±2)℃, standard charge and discharge	
	工作电压 Operating voltage	2.5-3.65V 2.0-3.65V		温度 T>0℃ 温度 T≤0℃	
	下线电压范围 Voltage range of the cell coming off the production line	3.28~3.30V		(25±2)℃，27%SOC 电芯开路电压 (25±2),OCV, 27%SOC	
	能量密度 Energy density	≥177Wh/kg		(25±2)℃，标准充放电 (25±2)℃, standard charge and discharge	
	月自放电 Self-discharge / per month	≤3.0%		出货三个月以后的电芯，标准充电到 27%SOC，25±2℃储存 Fresh cell after 3 months, (25±2)℃，27%SOC	
	最大持续充电功率 Max continuous charging power	1P		25±2℃	
	最大持续放电功率 Max continuous discharge power	1P		25±2℃	
	放电温度范围 Operating temperature(discharging)	-30~60℃		N.A.	
	充电温度范围 Operating temperature(charging)	0~60℃		N.A.	

1.2 电芯性能参数 Performance parameter

项目 Items	参数 Parameters	测试方法 Testing methods
-20°C放电容量 -20°C discharge capacity	≥70%标称容量 ≥70% nominal capacity	电芯标准充电后, 在-20±2°C条件下静置 24h, 将电芯以 0.5P功率放电至 2.0V 并记录放电容量(Ah)

		电芯技术规格书		版 本	A/1
				页 码	
文件编号		生效日期	2022/08/22		
			After standard charging, rest for 24h at $(-20\pm2)^{\circ}\text{C}$, discharge with 0.5P to 2.0V and record capacity.		
55°C放电容量 55°C discharge	$\geq 95\%$ 标称容量 $\geq 95\%$ nominal capacity		电芯标准充电后，在 $55\pm2^{\circ}\text{C}$ 条件下静置 5h, 将电芯以 0.5P 功率放电至 2.5V 并记录放电容量 (Ah) After standard charging, rest for 5h at $(55\pm2)^{\circ}\text{C}$, discharge with 0.5P to 2.5V and record capacity.		
持续充/放电温升 Continuous charge/discharge temperature rise	$\leq 10^{\circ}\text{C}$		$(25\pm2)^{\circ}\text{C}$ ，标准充放电，感温线贴在电芯大面(电芯不带夹具测试)，高低温箱中测试，电芯开始充(放)电到充(放)电完成温升记为持续充(放)电温升 $(25\pm2)^{\circ}\text{C}$, standard charging and discharging, the wire of the temperature sensor is attached to the large surface of the cell (the cell is tested without a fixture), tested in a high and low temperature chamber, the cell starts to charge (discharge) until the charge (discharge) is completed. Temperature rise is recorded as continuous charging (discharging) temperature rise.		
脉冲放电温升 Pulse discharge temperature rise	$\leq 5^{\circ}\text{C}$		$(25\pm2)^{\circ}\text{C}$ ，单体电芯 50-80%SOC 状态, 500A 脉冲放电 10s, 高低温箱中测试，感温线贴在电芯大面（不带夹具），电芯开始放电到放电完成温升记为脉冲温升 50%-80% SOC, $(25\pm2)^{\circ}\text{C}$, 500A pulse discharge for 10s, tested in a high and low temperature chamber, the wire of the temperature sensor is attached to the large surface of the cell (the cell is tested without a fixture), temperature rises from the cell starting to charge/discharge to		

		电芯技术规格书		版 本	A/1
				页 码	
文件编号			生效日期	2022/08/22	
			finishing charge/discharge.		
	室温荷电保持与恢复能力 Retention and recovery ability at room temperature	剩余容量≥95%标称容量 恢复容量≥97%标称容量 Retention≥95% Recovery≥97%	电芯标准充电后，室温条件下开路放置 28 天；以 0.5P 放电至 2.5V，放出的容量记为剩余容量；再次标准充电后，以 0.5P 放电至 2.5V，放出的容量记为恢复容量 After standard charging of cell, rest for 28 days in an open circuit at room temperature; discharge by 0.5P to 2.5V, and the discharged capacity is recorded as the remaining capacity; after standard charging again, discharge by 0.5P to 2.5V, and the discharged capacity is recorded as the recovery capacity.		
	高温荷电保持与恢复能力 Charge retention and recovery ability at high temperature	剩余容量≥95%标称容量 恢复容量≥97%标称容量 Retention≥95% Recovery ≥97%	电芯标准充电后，高温55±2℃条件下开路放置 7 天；室温搁置5h后，以0.5P放电至2.5V，放出的容量记为剩余容量；再次标准充电后，以0.5P放电至2.5V，放出的容量记为恢复容量 After standard charging of the cell, leave it in an open circuit at a high temperature of (55±2)℃ for 7 days; after leaving it at room temperature for 5h, discharge by 0.5P to 2.5V, and the discharged capacity is recorded as the remaining capacity; after standard charging again, discharge by 0.5P to 2.5 V, the released capacity is recorded as the restored capacity.		
	安全性能 Safety performance	单体满足 GB/T 36276-2018 以及 GB/T 31485-2015 的单体针刺的要求 GB/T36276-2018 and GB/T31485-2015(nail penetration test)		参考 GB/T 36276-2018，GB/T 31485-2015 的 6.2.8 条要求 Refer to GB/T 36276-2018, GB/T 31485-2015 6.2.8 requirements.	

	电芯技术规格书		版 本	A/1
			页 码	
文件编号		生效日期	2022/08/22	

1.3 电芯寿命 Cell cycle life

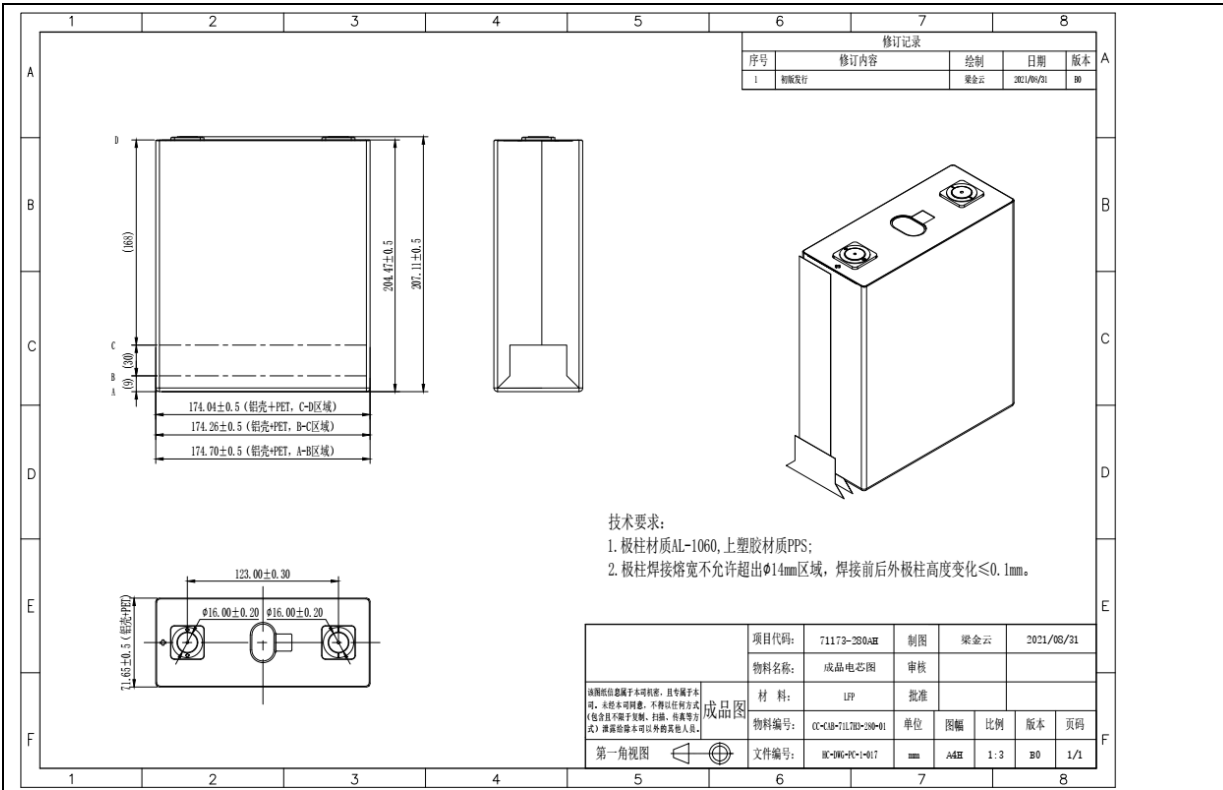
项目 Items	参数 Parameters	测试方法 Test methods
室温充放电循环寿命 Cycle life at room temperature	≥ 10000 次(cls)	(25±2)℃，电芯采用 15mm 铝板夹紧大面，夹具力为 (3000±200)N，在高低温箱中测试，以 0.5P 恒功率充电至 3.65V，搁置 30min，以 0.5P 恒功率放电至 2.5V，搁置 30min，重复如上标准充放电，直至容量衰减为标称容量的 70%截止 (25±2)℃, the cell covered with 15mm aluminum plate, the fixture force is (3000±200)N, tested in a high and low temperature chamber, charged to 3.65V with a constant power of 0.5P, rest for 30min, discharge to 2.5V by 0.5P, rest for 30 minutes, and repeat the above standard charge and discharge until the capacity fades to 70% of the nominal capacity.

电芯技术规格书		版 本	A/1
		页 码	
文件编号	生效日期		2022/08/22
			problem.
1.4	放电终止 Stop discharge	最小 Minimum 2.5V(T>0°C) 2.0V(T≤0°C)	当电芯的电压达到 2.5V(T > 0 °C) 或 2.0V(T≤0°C)时, 电池 管理系统申请终止放电 Stop discharging when cell voltage reaches 2.5V (T>0°C) or 2.0V (T≤0°C)
1.5	第一级过放保护 First over discharge protection	最小 Minimum 2.4V(T>0°C) 1.8V(T≤0°C)	当电芯的电压达到 2.4V(T > 0 °C) 或 1.8V(T≤0°C)时, 电池 管理系统强制终止放电 Force stop discharging by BMS when cell voltage reaches 2.4V (T>0°C) or 1.8V (T≤0°C)
1.6	第二级过放保护 Second over discharge protection	最小 Minimum 2.0V(T>0°C) 1.6V(T≤0°C)	当电芯电压低于 2.0V(T>0°C)或 1.6V(T≤0°C)时, 电 池管理系统强制终止放 电, 应及时以 0.1C 回 充至 50% SOC, 且电池 管理系统应锁定直到技 术人员解决问题 When the cell voltage is less than 2.0V(T>0°C) or 1.6V(T≤0°C) , the cell should be charge back to 50% SOC at 0.1C in time, and the BMS should be locked until technicians solve the problem.
1.7	短路保护 Short circuit protection	不允许短路 No short circuit allowed	发生短路时, 由过流器 断开电芯 When a short circuit occurs, the cell should be disconnected by the overcurrent protection device.

		电芯技术规格书		版 本	A/1
				页 码	
文件编号		生效日期		2022/08/22	
	1.8	过流保护 Overcurrent protection	电流 $\leq 358.4A$ Current $\leq 358.4A$	电池管理系统控制充放电电流符合规格 BMS controls the charge and discharge current to meet the specifications	
	1.9	过热保护 Overheating protection	电芯温度 $\leq 60^{\circ}C$ Cell temperature $\leq 60^{\circ}C$	当温度超过规定时，终止充电/放电 Stop charging and discharging when temperature exceeds specification	
	1.10	低温保护 Low temperature protection	充电：温度 $>0^{\circ}C$ ； 放电：温度 $\geq -30^{\circ}C$ Charging: $T>0^{\circ}C$ ； Discharge: $T\geq -30^{\circ}C$	当温度低于规定时，终止充电/放电 Stop charging and discharging when temperature exceeds specification	

	电芯技术规格书	版本	A/1
		页码	
文件编号		生效日期	2022/08/22

10. 电芯图纸 Mechanical drawing



项目 Items	标准 Standard	公差 Tolerance
高度 (不含极柱) Height (excluding pole)	204.47mm (含绝缘膜、含外垫片) 204.47mm (with insulating film, with outer gasket)	± 0.5 mm
高度 (含极柱) Height (including pole)	207.11mm (含绝缘膜) 207.11mm (with insulation film)	± 0.5 mm
厚度 Thickness	71.65mm (含绝缘膜) 71.65mm (with insulation film)	± 0.5 mm
宽度 Width	174.70mm (A-B 区域 底部折边处, 含绝缘膜) 174.70mm (A-B section, with insulation film)	± 0.5 mm
	174.04mm (C-D 区域 含绝缘膜) 174.04mm (C-D section, with insulation film)	± 0.5 mm
极柱焊接区域 Pole welding area	$\Phi 16$ mm (不含极柱外塑胶) $\Phi 16$ mm (excluding the plastic enclosure of the pole)	± 0.2 mm
正(负)极柱中心距 anode (cathod) pole center distance	123mm	± 0.3 mm

注: 厚度在大面压力为 3000 ± 200 N 条件下测试

Note: The thickness is tested under the condition that the large surface pressure is 3000 ± 200 N

7 H48150 系列低压 BMS/H48150 series low pressure BMS

适用家庭储能电池、工业储能电池、堆叠式电池、UPS电源等储能专用低压软件版BMS。Suitable for home energy storage battery, industrial energy storage battery, stacked battery, UPS power supply and other energy storage dedicated low-voltage software version BMS.



7.1 产品特点 Product characteristics

1	最多可管理 15~16 串锂电池 / It can manage a maximum of 15 to 16 series of lithium batteries;
2	支持单体电压、温度、电流等信息的采集、判断及告警 / Collects, judges, and alarms the voltage, temperature, and current of a unit;
3	具有电池回路过压、过流、过充、过放、过温、反接、短路等保护 / With battery circuit over voltage, over current, over charge, over discharge, over temperature, reverse connection, short circuit protection;
4	具有电池回路充电和放电控制, 承载电流能力 150A; / With battery loop charging and discharge control, carrying current capacity of 150A;
5	具有限流功能 20A / With current limiting function 20A
6	采用被动均衡技术, 可对电池组内每个单体电池进行放电均衡, 均衡电流 $\geq 70\text{mA}$ (@3.5V) / The passive equalization technology can balance the discharge of each battery in the battery pack, and the balance current is $\geq 70\text{mA}$ (@3.5V);
7	具备 485/232/CAN 通信, 支持 MODBUS/RTU 协议, 支持多个模块级联通信 / It has 485/232/CAN communication, supports MODBUS/RTU protocol, and supports cascading communication of multiple modules;
8	支持多种休眠与唤醒 / Supports multiple sleep and wake ups;
9	内置 SOC/SOH 高级算法模型; 有效追踪电池真实状态 / Built-in SOC/SOH advanced algorithm model; Effectively track the real state of the battery;
10	支持系统运行数据的本地存储 / Supports local storage of system running data;
11	具备本地数据分析能力、本地声光告警功能 / Provides the local data analysis capability and the local sound and visual alarm function;
12	H48 只能应用于充、放电同口的接线模式 / H48 can only be used in the same charging and discharging mode.
13	建议与逆变器通讯使用。通讯成功后, 逆变器与我司 BMS 互动过程中, 可以让逆变器能够更智能的为锂电池组进行充电; / It is recommended to communicate with inverter. After successful communication, during the interaction between the inverter and our BMS, the inverter can charge the lithium battery pack more intelligently;
14	全新的休眠管理功能, 让电池在节能的同时不会轻易掉线, 保障客户使用体验。 / The new sleep management function ensures that the battery will not be easily disconnected while saving energy, ensuring customer experience.

7.2 产品信息 Product information

型号Model No.		H48V150A一体软件保护板Connector-onboard Software Protection Board	H48V150A分体软件保护板Connector-split-type Software Protection Board
1	规格Specification	48/51.2V 150A	48/51.2V 150A
2	图示Picture		

基本信息Basic Info.

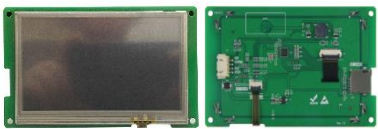
1	电压Voltage	48/51.2Vdc	48/51.2Vdc
2	电芯容量Cell capacity	150Ah(默认, 可以选择0~999Ah)	150Ah(默认, 可以选择0~999Ah)
3	通信接口 Communication interface	RS232、RS485、CAN、双并联/ Double parallel 485	RS232、RS485、CAN、双并联/ Double parallel 485
4	尺寸Dimension (mm)	290.1*100.1MM*46.1 mm	290.1*100.1MM*46.1 mm

5	并联Parallel connection	Up to 16P	Up to 16P
6	串数String number	15-16S	15-16S
7	通用线束Universal harness	电压采样1 Voltage sampling 1 (L=1M)	电压采样1 Voltage sampling 1 (L=1M)
		电压采样2 Voltage sampling 1 (L=1M)	电压采样2 Voltage sampling 1 (L=1M)
		温度采样1 Temperature sampling 1 (L=0.67M)	温度采样1 Temperature sampling 1 (L=0.67M)
		弱电开关Weak current switch (L=0.25M)	弱电开关Weak current switch (L=0.25M)
		正极电源线Positive power cord (0.24M)	正极电源线Positive power cord (0.24M)
参数Parameter			
1	最大充电电流Max. charging current	≤160A	≤160A
2	最大放电电流Max. discharge current	≤160A	≤160A
3	MOS 内 阻 MOS internal resistance	≤2.5mR	≤2.5mR
4	充 电 限 流 Charge current limiting	20A	20A
5	回路充电放电Loop charge and discharge	150A	150A
6	显示屏Display screen	可选optional	可选optional
环境信息Environmental information			
1	工 作 温 度 Operating temperature	-20℃~75℃	-20℃~75℃
2	储 存 温 度 Storage temperature	-20℃~75℃	-20℃~75℃
3	相对湿度Relative humidity	10% ~ 85%RH	10% ~ 85%RH
4	大 气 压 强 Atmospheric pressure	80 ~ 110kPa	80 ~ 110kPa
功能Function			
1	存储功能Storage function	500条/pieces	500条/pieces
2	加 热 膜 接 口 Heating film interface	有，支持2A加热输出Yes, support 2A heating output	有，支持2A加热输出Yes, support 2A heating output
3	时钟显示Clock display	Yes	Yes
4	蜂鸣器buzzer	Yes	Yes
5	LED 指示灯 LED indicator	运行*1, 告警*1, 电量显示*4 /Running *1, alarm *1, power display *4	运行*1, 告警*1, 电量显示*4 /Running *1, alarm *1, power display *4
6	防盗功能Anti-theft function	可选optional	可选optional
7	弱电开关Weak current switch	可选optional	可选optional
8	消防接口Fire interface	Yes	Yes
9	反接保护 Reverse connection protection	Yes	Yes
10	逆变器协议支持 Inverter Protocol support	详见逆变器支持列表附件 See the attachment for the Inverter Support list	详见逆变器支持列表附件 See the attachment for the Inverter Support list

11	拨码开关Dip switch	4 位/红色/间距 2.54mm/15.4mm/ 4 bit/red/Spacing 2.54mm/15.4mm	4 位/红色/间距 2.54mm/15.4mm/ 4 bit/red/Spacing 2.54mm/15.4mm
12	干接点Dry contact	Yes	Yes
13	升级方式 Upgrade mode	S485	RS485

10 显示屏 Display



型号Model No.		DC24320S028-1000-1T	DC48270S043-1010-1T
1	产品名称Product name	2.8 寸电阻触控显示屏 /2.8 "resistive touch display	4.3 寸电阻触控显示屏 /4.3 "resistance touch display
2	图示Picture	 图 1-1 2.8 寸电阻触控参考图	 图 1-2 4.3 寸电阻触控参考图

产品规格Product specification

1	尺寸Dimension	2.8" (51.2*85.1*13.3mm)	4.3" (122.3*73.5*14.3mm)
2	触控类型Touch type	电阻触摸屏Resistive touch screen	电阻触摸屏Resistive touch screen
3	电阻屏触控方式 Resistance screen touch mode	单点、滑动触摸 Single point, sliding touch	单点、滑动触摸 Single point, sliding touch
4	显示器类型Display type	TFT 液晶屏/ TFT LCD screen	TFT 液晶屏/ TFT LCD screen
5	分辨率resolution	240*320	480*272
6	安装方向Mounting direction	支持 0、90、180 和270 / 0, 90, 180, and 270 are supported	支持 0、90、180 和270 / 0, 90, 180, and 270 are supported
7	颜色color	65K 色, 16位RGB / 65K color, 16 bit RGB	65K 色, 16位RGB / 65K color, 16 bit RGB
8	电压voltage	5V(最低 4.5V 启动) / 5V(minimum 4.5V startup)	5V(最低 4.5V 启动) / 5V(minimum 4.5V startup)
9	通讯方式Communication mode	TTL	TTL
10	通讯接插件规格Specifications for communication connectors	XH2.54-4P	XH2.54-4P
11	图片本地下载 Image local download	SD 卡、串口 / SD card, serial port	SD 卡、串口 / SD card, serial port

参数Parameter

1	工作温度Operating temperature	-20 ~ +70℃	-20 ~ +70℃
2	存储温度Storage temperature	-30 ~ +80℃	-30 ~ +80℃
3	亮度/ Brightness (cd/m²)	250	250
4	背光灯管Backlit tube	LED	LED
5	电阻屏透光率Resistance screen transmittance	80%	80%
6	支持语言Support for localization	简体中文、繁体中文、英语、越南语、波兰语、缅甸语,最多支持15种语言。Simplified Chinese, Traditional Chinese, English, Vietnamese, Polish, Burmese, up to 15	简体中文、繁体中文、英语、越南语、波兰语、缅甸语,最多支持15种语言。Simplified Chinese, Traditional Chinese, English, Vietnamese, Polish, Burmese, up to 15

		languages are supported.	languages are supported.
型号Model No.		DC10600MF070-20T	MM-VK12864-023
1	产品名称Product name	7寸电阻触控显示屏/7 "resistive touch display	
2	图示Picture		
产品规格Product specification			
1	尺寸Dimension	7" (189.1*101.2*14.3mm)	2.3" (71.3*43.3*19mm)
2	触控类型Touch type	电阻触摸屏Resistive touch screen	无 NA
3	电 阻 屏 触 控 方 式 Resistance screen touch mode	单点、滑动触摸Single point, sliding touch	无 NA
4	显示器类型Display type	TFT 液晶屏/ TFT LCD screen	液晶屏/ LCD screen
5	分辨率resolution	1024*600	128*64
6	安装方向Mounting direction	支持 0、90、180 和270 / 0, 90, 180, and 270 are supported	正面安装，不支持多久度旋转Front mounted, does not support how long the rotation
7	颜色color	65K 色，16位RGB / 65K color, 16 bit RGB	蓝底/白字Blue background/white text
8	电压voltage	5-28V	12V
9	通讯方式Communication mode	RS232或TTL / RS232 or TTL	TTL
10	通讯接插件规格Specifications for communication connectors	默认 HY2.0-8P / The default is HY2.0-8P	XH2.54-5P
11	图 片 本 地 下 载 Image local download	SD 卡、串口 / SD card, serial port	不支持NA
参数Parameter			
1	工作温度Operating temperature	-20 ~ +70℃	-20 ~ +70℃
2	存储温度Storage temperature	-30 ~ +80℃	-30 ~ +80℃
3	亮度/ Brightness (cd/m²)	220	220
4	背光灯管Backlit tube	LED	LCD
5	电阻屏透光率Resistance screen transmittance	80%	NA
6	支持语言Support for localization	简体中文、繁体中文、英语、越南语、波兰语、缅甸语,最多支持15种语言。Simplified Chinese, Traditional Chinese, English, Vietnamese, Polish, Burmese, up to 15 languages are supported.	简体中文、英语。Simplified Chinese, English.

11 分体板连接器 Split-plate connector

A款 Type A



型号Model No.		分体板连接器(A) Split-plate connector	
1	产 品 名 称 Product name	分体板连接器 Split-plate connector	
产品规格Product specification			
2	尺寸Dimension	170*30*190mm	
3	连 接 器 线 束 Connector harness	干结点线束Dry junction point harness	300mm/500mm
		复位开关线束Reset switch harness	300mm/500mm
		指示灯线束Indicator light harness	300mm/500mm
		拨码开关线束Dip switch wiring harness	300mm/500mm
		R485-逆变器线束	300mm/500mm
		CAN线-逆变器线束	300mm/500mm
		R232线束	300mm/500mm
		R485-电池线束	300mm/500mm
参数Parameter			
4	工作温度Operating temperature	-20 ~ +70℃	
5	存储温度Storage temperature	-30 ~ +80℃	

B款 TypeB



型号Model No.		分体板连接器(B) Split-plate connector	
1	产品名称Product name	分体板连接器 Split-plate connector	
产品规格Product specification			
1	尺寸Dimension	160*45*25mm	
2	连接器线束Connector harness	干结点线束Dry junction point harness	300mm/500mm
		复位开关线束Reset switch harness	300mm/500mm
		指示灯线束Indicator light harness	300mm/500mm
		拨码开关线束Dip switch wiring harness	300mm/500mm
		R485-逆变器线束	300mm/500mm
		CAN线-逆变器线束	300mm/500mm
		R232线束	300mm/500mm
		R485-电池线束	300mm/500mm

参数Parameter		
1	工作温度Operating temperature	-20 ~ +70℃
2	存储温度Storage temperature	-30 ~ +80℃

C款 TypeC



型号Model No.		分体板连接器(C) Split-plate connector	
1	产品名称Product name	分体板连接器（C） Split-plate connector	
产品规格Product specification			
2	尺寸Dimension	58*25*25.5mm	
		104*30*25.1mm	
		58*20*14.8mm	
3	连接器线束Connector harness	干结点线束Dry junction point harness	300mm/500mm
		复位开关线束Reset switch harness	300mm/500mm
		指示灯线束Indicator light harness	300mm/500mm
		拨码开关线束Dip switch wiring harness	300mm/500mm
		R485-逆变器线束	300mm/500mm
		CAN线-逆变器线束	300mm/500mm
		R232线束	300mm/500mm
		R485-电池线束	300mm/500mm
参数Parameter			
4	工作温度Operating temperature	-20 ~ +70℃	
5	存储温度Storage temperature	-30 ~ +80℃	