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1. Product Description

1.1. BM Series Integrated Special Inverter

BM series integrated special inverter for construction elevator is a new generation of highly integrated intelligent control system, set inverter, brake unit, logic control unit, brake control unit, lifting weight limiter, intelligent voice prompt, intelligent status display board, touch screen unit, automatic leveling device, satellite positioning and remote monitoring in one. Compared with ordinary frequency conversion control cabinet, it's small and easy to be transported. There are there ways of installation, hang on the wall, half embedded and completely embedded. As long as the power wire, motor wire, brake wire, limit switch, brake resistance and operating console are correctly connected, the machine can work normally after starting up, external circuit wiring is simple, both of master signal and limit signal have LED indication and voice prompt, installation, debugging, maintenance and repair more convenient, reduce service cost.



1.2. BM100 Special Inverter For Reconstruction

BM100 is a special inverter developed for the reconstruction of old elevator; Set inverter control, braking resistor, status display in one, minimize the cost of reconstruction of old elevator.

- Simple installation : There is no change for original power frequency cabinet, just add drive and resistor.
- Good vibration resistance: Anti-vibration test before delivery;
- **Safe and reliable:** Special logic break timing control guarantees safty and reliability;
- **Brake resistance short circuit protection :** Built-in brake unit which has short circuit protection;
- No setting parameters: Properly connect power wire, motor wire, resistance wire and external control wire, then it can work normally after starting



up ;

• Wide range of applications : Suitable for construction elevator with any transmission structure , such as turbine worm reducer and gear reducer .





2. Product Dimension

2.1. BM300B-037 (37kW Vertical Integrated Special Inverter)



BM300B-037 installation

2.2. BM322C-037L (37kW Horizontal Integrated Special Inverter Left Cage)



2.3. BM322C-037R (37kW Horizontal Integrated Special Inverter Right Cage)





2.4. BM321C-037L (37kW Horizontal Integrated Power Frequency Inverter

Left Cage)



2.5. BM321C-037R (37kW Horizontal Integrated Power Frequency Inverter

Left Cage)







2.6. BM300B-055 / 075 (55 / 75kW Vertical Integrated Inverter)



BM300B-055 / 075 installation

2.7. BM100-037 (37kW Special Inverter For Power Frequency

Transformation)



2.8. PD Series Console



Top view of the console





Side of console



Back of console



Bottom of console



3. Product Terminal

3.1. BM300B-037 Main Loop Terminal



Symbols	Designation	Function		
DOTN	Dowon gupply	There-phase AC power supply		
K ₁ S ₁ I ₁ N	rower supply	to inverter		
I 1 N1	console socket power	AC 220V supply to console		
	supply	socket		
	Probing register	Output to connecting		
(⁺), PB	draking resistor	braking resistor		
A, B	Brake output	Output to connecting brake		
	Commission	Grounding resistance <		
	Grounding	10ohm		
U1、V1、W1				
U2、V2、W2	Inverter output	Output to connecting motor		
U3、V3、W3				

3.2. BM322C-037 L / R Main Loop Terminal



Symbols	Designation	Function
R, S, T, N	Power supply	There-phase AC power supply
		to inverter



	Grounding	Grounding resistance < 10ohm		
	Probing resistor	Output to connecting braking		
(+), PB	braking resistor	resistor		
A, B	Brake output	Output to connecting brake		
I 1 N1	console socket power	AC 220V supply to console		
	supply	socket		
U、V、W	Inverter output	Output to connecting motor		

3.3. BM321C-037 L Main Loop Terminal



Symbols	Designation	Function		
	Probing register	Output to connecting braking		
(⁺), PD	braking resistor	resistor		
A, B	Brake output	Output to connecting brake		
T 1 - 11	console socket power	AC 220V supply to console		
	supply	socket		
	Grounding	Grounding resistance < 10ohm		
	Daman auron las	There-phase AC power supply		
$K_{\Sigma} S_{\Sigma} T_{\Sigma} N$	Power supply	to inverter		
U, V, W	Inverter output	Output to connecting motor		

3.4. BM321C-037 R Main Loop Terminal







_ R	POV 原 了 S	NER 输 T	入 N	でした。 地下 しました。	Motor brake)M. 电机抱闸 挡 ABL	anipulator 操作台 1N1	Brake resistance 制动电阻 (十) PB	●	^{DTOR #} 1 1 V1	#1 #1 1 W1	匝 也 U2	^{TOR #} 机 # V2	2 2 7 W2	顺 电 U3	<u>)TOR #</u> ,机 # V3	#3 #3 W3
	0	0	0		000		00	0	0	0	0	0	0	0	0	0

SUNYF

Symbols	Designation	Function		
DOTN	Dowon gupply	There-phase AC power supply		
	rower supply	to inverter		
	Grounding	Grounding resistance < 10ohm		
A, B Brake output		Output to connecting brake		
L1、N1	console socket power	AC 220V supply to console		
	supply	socket		
(+) DD	Proking register	Output to connecting braking		
(⁺), PD	braking resistor	resistor		
U1、V1、W1				
U2、V2、W2	Inverter output	Output to connecting motor		
U3、V3、W3				

3.6. Control Loop Terminal of BM Series Integrated Inverter (General)



3.7. BM Series Integrated Inverter Aviation Connector (General)



CONTRACTOR

Number	Designation	Function		
1	Switch knob	Mode switch: cage inside,		
1	SWITCH KHOD	cage top/anti-drop		
0	Cage-top handle	Connect to acco-ton handle		
2	aviation connector	connect to cage-top nanule		
2	anti-drop handle	Compact to anti door bondle		
3	aviation connector			
4	Auto leveling coder	Connect to auto leveling		
4	aviation connector	coder		
5	No.1 weight sensor			
5	aviation connector	Connect to weight concer		
6	No.2 weight sensor	Connect to weight sensor		
	aviation connector			

3.8. BM100-037 Main Loop Terminal





Symbols	Designation	Function		
рст	Doutor cumply	There-phase AC power supply		
K, 5, 1	Power suppry	to inverter		
	Drahing register	Output to connecting braking		
PD, (+)	Draking resistor	resistor		
()	reserved	Connect to nothing		
U, V, W	Inverter output	Output to connecting motor		

3.9. BM100-037 Control Loop Terminal



Number	Designation	note
1	Upper limit switch	It can be modified without reference to the figure
		above, Upper limit switch is in series with coil of
2	Lower limit switch	descending contactor, lower limit switch is in series
		with coil of ascending contactor;
2	Deceleration limit	In series with second-contact of console handle,
3	switch	control high-speed of elevator;
4	Ascending contactor	Making Use of ascending / descending contactor
4	normally open contact	normally open contact inside power frequency
Descending contactor		control cabinet; Attention: Do not connect AC 220V
5	normally open contact	wires which connected to contactor;
	Console handle high	In series with deceleration limit switch , control
6	speed contact	high-speed of elevator;
7	Short wire	Connect R/A, T/A terminal, control brake contactor



		by two relays(R/A-R/C、T/A-T/C);
8	Brake contactor switch	Need to remove brake contactor's wires of control
		which connected to original ascending / descending
		contactor;

3.10. BM100-037 Wiring Steps Of Power Frequency Transformation

- Removing main contactor wires which between main contactor and ascending / descending contactor, remove main contactor wires which between ascending / descending contactor and motor. As shown in the dotted box (①)below;
- 2. The main power wire is directly connected to inverter R, S and T through the main contactor;
- 3. The motor wire is directly connected to inverter U, V and W;
- 4. The brake resistance is directly connected to PB, + on the inverter;
- (You can chose to ignore this: Connect the upper limit switch in series to the DI1
 COM, connect the lower limit switch in series to the DI2—COM, as shown in the dotted box (2)below.)
- Brake contactor controlled by T/C R/C, need to remove original ascending/ descending contactor wires which refer to control brake contactor, as shown in the dotted box (③)below.



BM100-037 Wiring diagram of inverter transformation



4. Panel Operation

功能指示灯 ——	L/D/C FWDIREV TUNETC Hz-RPM-A-%-V 050.00	单位指示灯 数码显示
QUICK/点动键 ——		
退出/编程键 ——	PRG QUICK JOG	数据增减/确认键
运行指示灯 ——		
运行命令键 ——	- RUN >> STOP SHIFT RESET	停机/复位键
		移位键

按键	名称	功能
PRG	program / avit	Level 1 menu entry or exit, return last
ESC	program / exit	menu
		Operation: pressing the knob
	enter	vertically
		enter menu interface 、 save parameter
	add (+)	Operation: The knob rotates
\sim		clockwise
(t))		Numerical or Function code number
ENTER		increase
	subtract (–)	Operation: The knob rotates
		counterclockwise
		Numerical or Function code number
		decrease



>> SHIFT	shift	When modifying a parameter, you can choose to modify the values at different locations
RUN	run	This key is not valid in construction elevator mode.
STOP RESET	stop/reset	Reset the fault
QUICK	Quick run	This key is not valid in construction elevator mode.

4.1. Modification Example Of Inverter Function Code: In-cage High Speed

FC-01



4.2. Commonly Used Function Code Table Of Inverter

Function	Designation	Default	Function	Designation	Default
Code		value	Code		value
F0-04	Command	1 (terminal	F6-00	Output of no. 1	18(break
	source	source)		relay	output)
F0-06	Frequency	4(Multistag	F6-01	Output of no. 2	18(break
	source	e speed)		relay	output)
F0-23	Time of speed	6.0 second	FC-00	In-cage low speed	15.0Hz
	up				
F0-24	Time of speed	2.0 second	FC-01	In-cage high	50.0Hz
	reduction			speed	
F0-26	Carrier	3.0kHz	FC-02	Cage top speed	35.0Hz
	frequency				
F0-28	Factory reset	0 (1	FE-08	Feed back	1(valid)
		invalid)		protection of brake	



5. Weight Reset Steps Of Integrated Inverter



Open the lid of integrated inverter, find the arrow icon shown above, press the button in the round hole for more than 3 seconds, there will be a voice broadcast "The lift load has been cleared", then weight clearing operation completed.

6. Basic Function Code Of Integrated Inverter

6.1. Enter Steps Of Basic Function Code

- Open the lid of integrated inverter, remove the panel, remove network cable behind the keyboard;
- 2) Find the display panel behind the lid of integrated inverter, remove network cable on the display panel, then put it in the panel of inverter;
- 3) Panel diaplay "bbbbb", press press for 2 second, panel diaplay "L-00";
- 4) Refer to the modification example below to modify others ;
- 5) press esc back to main interface, press for 2 second, panel diaplay "bbbbb".



6.2. Modification Example Of Basic Function Code: Rated Weight L-05





6.3. Basic Function Code Table

Function	Designation	Value range	Default	Note
Code		Value Talige	value	Note
L-00	Switch of brake current detection	0: open 1: close	0	
L-01	current value of brake protection	0∼9.99A	6.00A	
L-02	Actual brake current			
L-03	Anti-drop test mode	0: Disconnect the input power when Anti-drop device is in action 1: Keep the input power on when Anti-drop device is in action	0	If value is 1, Anti-drop device have to connect to the terminal A/B
L-04	Switch of weight detection	0: open 1: close	1	
L-05	rated weight	0~9999kg	2000	
L-06	Weight bias	-4000~4000 kg	0	
L-07	Warning load	0~200.0%	90.0%	
L-08	Alarm load	0~200.0%	110.0%	
L-09	A unit of weight	0: ton 1: %	0	
L-10	Factory parameter			
L-11	Coefficient of weight	0~9999	290	
L-12	tare deduction	0∼99999 kg	1200 kg	
L-13	Weight self-learning mode	 0: default 1: Learn nominal weight value 1 2: Learn nominal weight value 1 3: Weight reset 	0	After loading the elevator according to 1-18 parameter value, 1-13 is set as 1; After loading according to 1-19 parameter value, 1-13 is set to 2, thus 1-11can be automatically calibrated. (weight ratio coefficient)
L-14	Software version	3101.0	3101.0	
L-15	Actual value of weight sensor 1			
L-16	Actual value of weight			



	sensor 2			
L-17	Actual current value of			
	brake			
L-18	Nominal weight value 1	0~9999kg	4000kg	
L-19	Nominal weight value 2	0~9999kg	1100kg	
L-20	Voice broadcast master switch	0: open 1: close	0	
L-21	Switch of fault voice broadcast	0: open 1: close	0	
L-22	Switch of leveling voice broadcast	0: open 1: close	0	
L-23	Switch of running voice broadcast	0: open 1: close	0	
L-24	Broadcast selection switch in Chinese and English	0: Chinese 1: English	0	
L-25	Factory parameter			
L-26	Inverter communication indication	Normal: 0/1 jump abnormal: add up		
L-27	Touch panel communication indication	Normal: 0/1 jump abnormal: add up		
L-28	BM300_GPS communication indication	Normal: 0/1 jump abnormal: add up		
L-29	Switch of automatic leveling function	0: open 1: close	1	
L-30	Learning mode of automatic leveling	0: normal operation 1: floor learning 2: raising self-calibration 3: lowering self-calibration 4: Floor data reset	0	Modified by touch panel
L-31	larget floor	Enter the floor number	0	Modified by touch panel



		through the touch panel		
L 22	Current floor	The current floor of the	1	
1-52	Current noor	elevator	1	
	Stop distance of			Automatic adjustment
L-33	high-speed of elevator	0~20000	838	after up calibration
	rising			
	Stop distance of			Automatic adjustment
L-34	high-speed of elevator	0~20000	873	after down calibration
	down			
	Stop distance of			Automatic adjustment
L-35	low-speed of elevator	$0\!\sim\!9999$	82	after up calibration
	rising			
	Stop distance of			Automatic adjustment
L-36	low-speed of elevator	$0 \sim 9999$	95	after down calibration
	down			
	Accelerated distance of	0~20000	2312	Automatic adjustment
L-37	high-speed of elevator			after up calibration
	rising			
	Accelerated distance of		2495	Automatic adjustment
L-38	high-speed of elevator	0~20000		after down calibration
	down			
	The limited distance an		0. 2m	
L-39	elevator can go up at the	$0\!\sim\!2.0{ m m}$		
	top floor			
	The limited distance an		0. 2m	
L-40	elevator can go up at the	0~2. Om		
	bottom floor			
T 41	Detection frequency 1	0~50.0087	15 0047	
L-41	of encoder	0 50.0012	15. UUHZ	
L 42	Detection frequency 2	0∼50_00Hz	6.00Hz	
L-42	of encoder	0 50.00112	0.00112	
L-43	Protection speed of	0∼3 00m/s	0.75m/s	
	auto-leveling	0∼3.00m/s	0.70II/S	



L-44	Factory parameter			
L-45	Factory parameter			
L-46	Factory parameter			
L-47	A unit of speed	0:Hz 1:m/s	0	
L-48	Factory parameter			
L-49	Factory parameter			
L-50	Panel sensitivity	$0{\sim}5$	1	The smaller the value, the more sensitive it is
L-51	Parameter reset	0: default 1: Reset	0	Group L revert to default
L-52	The number of errors in the weight sensor	$0\!\sim\!9999$	300	Detection of abnormal sensor function: no connection/wire break, set to 0, this function is invalid.
L-53	Factory parameter			
L-54	Change in encoder pulse value	Change in pulse value every 500 milliseconds		
L-55	Factory parameter	Factory parameter		
L-56	Switch of brake wear detection	0: open 1: close	1	
L-57	Automatic/ manual brake wear detection	0: automatic 1: manual	1	
L-58	Switch manual wear detection	0: end 1: start	0	
L-59	Frequency of brake wear detection	0∼10.00Hz	2.50Hz	After the brake wear is detected, the system controls the elevator to output the set frequency, and the brake power is disconnected. If the brake pad is badly worn, the elevator will down
L-60	Distance of brake wear detection	0~400	40	When the descending distance of the lift exceeds the set value after the brake wear is detected, the system prompts Er36
L-61	Factory parameter			
L-62	Rising non-limit switch	0: no limit 1: limit	1	The lift is at the lower



				limit, and the function is
				effective when moving up
				When externally
	switch of bell voice			connected to the bell, the
L-63	knowledgest	0: open 1: close	0	function code is changed
	broadcast			to 1 to turn off the bell
				voice
		0: no shield		
	Switch of chielding	1: shield weight sensor		
L-64	weight sensor	no.1	0	
	weight sensor	2: shield weight sensor		
		no.2		
L-65	Factory parameter			
L-66	Factory parameter			
L-67	Factory parameter			
	Brake delay time of			
L-68	elevator rise in power	0~2.0	0.4s	
	frequency			These parameters are valid
I-69	Feedback protection of	0. open 1. close	0	only if the equipment is a
L-07	power frequency output	0: open 1: close	0	mix of power frequency
	Feedback time of power			and inverter
L-70	frequency output	0~2.0	0.3s	
	feedback time			
L-71	Factory parameter			
L-72	Factory parameter			
L-73	Factory parameter			
L-74	Factory parameter			
L-75	Factory parameter			
L-76	Factory parameter			
L-77	Factory parameter			

7. PD Series Console—Touch Panel (Optional)



Compared with the ordinary console, add 3 connecting wires (As shown in the arrow icon above):

Number	Designation	Function
1	485+1	Communication wires between touch
2	485-1	panel and integrated machine
(3) +24V	1241	Combined with GND, Power supply to
	+24 V	touch panel

7.1. Main Interface



- Click " (leveling operation) enter leveling operation interface;
 Click " (a) (setting) enter setting interface, input password (default)
- password : "8");
- Click "?", enter fault code query interface.



7.2. Auto Leveling Operation Interface



- Click "-", "0~9", input target floor (-9~99);
- Click "CLEAR", Clear the input target floor;
- Click "TOP FLOOR", The target floor automatically enters the learned maximum floor;
- Click "GROUND FLOOR", The target floor is automatically entered into the first floor;
- Click "ENTER", Target floor has been entered, elevator starts running;
- Click "STOP", When automatic operation, the elevator stops running;
- Click " (Floor setting) Enter floor setting interface;
- Click " (Leveling switch), Open or close auto leveling function;
- Click "**()**" Back main interface.



7.3. Setting Interface



- Click "Floor Setting" Enter floor setting interface;
- Click "Converter Parameter Setting" Enter inverter parameter setting interface;
- Click "Weight Setting" Enter weight setting interface;
- Click "Speech Setting" Enter speech setting interface;
- Click "Brake Setting" Enter brake setting interface;
- Click "Fingerprint Identification" Enter the fingerprint identification interface;
- Click " **'** Back main interface.

7.4. Floor Setting Interface



- Click " O " Open/Close auto leveling function;

- 0. Normal operation mode: Back Leveling operation interface in this mode, then input floor number;
- Floor learning mode: Ensure that the initial position of the construction elevator is on the ground floor, After normal start, manually control elevator rise/fall, After manual leveling, enter the floor in this mode and press "ENTER" to learn the floor; Enter the floor number and press "DELETE" to delete the floor;
- 2. Rising auto calibration mode: Ensure that the initial position of the construction elevator is on the ground floor, after normal startup, the elevator will automatically rise after setting into this mode, after calibration, the elevator will stop and automatically enter into normal operation mode;
- 3. Descending auto calibration mode: Ensure that the construction elevator has a descending height of more than 4 meters. After the normal starting, the elevator will automatically descend after the setting enters the mode. After the calibration is completed, the elevator will stop and automatically enter the normal operation mode;
- Click "+" / " " Add or subtract the input floor number;
- Click " ()" Clear all floor data and restore to factory value:
- Click " * Back leveling operation interface.



7.5. Inverter Parameter Setting Interface



- Low Frequency: Click the value display box and set the in-cage low speed frequency;
- High Frequency: Click the value display box and set the in-cage high speed frequency;
- Carrier Frequency: Click the value display box and set the carrier frequency, the smaller the carrier frequency is, the smaller the leakage current of the corresponding inverter is, ranging from 1kHz to 3kHz.;
- Accleration Time: Click the value display box and set the acceleration time;
- Deceleration Time: Click the value display box and set the deceleration time;
- Brake Protection: Click the value display box and set the function of turning on/off the inverter brake protection,
 - 0: close brake protection, 1: open brake protection;
- Click "
 "
 "
 The basic function parameters of inverter are restored to the factory default value;
- Click " **?** " Back setting interface;
- Click " **O** " Back main interface.



7.6. Weight Setting Interface



- Warning Load: Click the value display box to set the overload warning weight percentage of the construction elevator;
- Alarm Load : Click the value display box to set the overload alarm weight percentage of the construction elevator;
- Rated Load : Click the value display box to set the rated load of construction elevator;
- Click "**—**", Construction elevator overload clearance operation;
- Click " , Turn on/off the construction lift weight limiter function;
- Click " , Back setting interface;
- Click " **()** ", Back main interface.



7.7. Speech Setting Interface



- Click " (, Turn on/off the speech function, switch between Chinese and English broadcasting function;
- Click " ()", Restore factory Settings of peripheral control board (group L, group P, group N function code);
- Click " , Back setting interface;
- Click " (?) Back main interface.
- 7.8. Brake Setting Interface



- Click " (Turn on/off break related functions;
 - Click " Set brake pad wear manual/automatic detection;
- Protection current value of brake: Click the value display box to set the protection current value of the brake of construction elevator. When the actual current value of



the brake exceeds the protection current value of the brake, the system will disconnect the brake power for protection;

- Actual current value of brake: Displays the current actual current value of the brake;
- Click " , Back setting interface.
- 7.9. Fingerprint Identification Setting Interface



- Click " Set the working mode of fingerprint identification: Input fingerprint or normal identification status;
- Click " () Telete all fingerprint data.





Installation diagram of leveling equipment

9. Common Fault And Countermeasures

Fault code	Fault information	countermeasures
	Speech: Elevator	1.reduce the load;
	overload	2. Check weight sensor;
Er00		1. The weight sensor is not connected;
	Speech: Sensor Fault	2. Short circuit/break of signal wire of weight
		sensor;
Er01	Inverter protection	1. Check whether the motor has a short circuit
		to the ground;
	Hardware over current	2. Check whether the three-phase resistance of
Er02		the motor is balanced;
		3. Check whether the brake resistance is short
		circuit to the ground;
Er03	Hardware overvoltage	1. Check whether the resistance value of brake
Er08	Acceleration overvoltage	resistor is 15 ohms;
Er09	Deceleration overvoltage	2. Check whether the brake resistance wire is



		broken and causes short circuit or broken circuit;		
Er12	supply voltage below level	Check whether the input power is normal;		
Er13	Drive overload	 Check whether the motor is blocked; Check whether the brake is open normally; 		
Er15	Overheating protection	 Check whether the air duct is blocked; Check whether the fan is blocked; Contact after-sales service personnel for technical support; 		
Er23	Phase-loss of input	Check the balance of the three phases of the input power:		
Er24	Phase-loss of output power	 Check whether the motor wire is installed correctly; Check whether the three-phase resistance value of the motor is balanced; Contact after-sales service personnel for technical support; 		
Er29	EEPROM storage fault	Contact after-sales service personnel for technical support;		
Er30	Coder fault	 Check whether the aviation connector of the encoder is properly inserted; Check whether the encoder signal wire is short-circuited or broken; 		
Er31	Brake over current	Check whether the brake wire is short circuit;		
Er32	Brake signal fault	Check whether parameters f6-00 and f6-01 are all 18;		
Er33	The brake is not opened in time during running	Check whether the brake wire is connected properly;		
Er34	The brake is not disconnected in time when stopping	 Check whether the brake coil is normal; Contact after-sales service personnel for technical support; 		
Er35	Brake pads wear too	In the brake check mode: When the rated		



	much	torque is output, the cage displacement is large		
		when the brake is not opened.		
	The contactor of power	In power frequency mode, no		
Er36	frequency output is not	rising/descending of output contactor is closed		
	closed	when starting operation;		
Er90	Motor current during running the timeout did not reach the opening current	 Check whether the motor wire is installed correctly; Check whether the motor power matches; Contact after-sales service personnel for technical support; 		
Er91	The setting running frequency lower than the frequency of opening the brake	Reset the running frequency		
Er92	Motor parameter self-learning failed	 Check whether the motor wire is installed correctly; Check whether the three-phase resistance value of the motor is balanced; Check whether the motor parameters are set correctly; Contact after-sales service personnel for technical support; 		



10. BM300-GPS Sunye Cloud Platform



BM300-GPS host



Matching antenna



Terminal Information



Antenna terminal and indicator

Terminal	Function		Indicator light	Information
L, N	AC220V Power input		485	bright: Communication is normal scene : Communication failures
485 + 485 -	Communication with integrated machine BM300B/BM322C (the new): 1.485 + connect to 485 + 2; 2.485 - connect to 485 - 2; BM300/BM322B (the old): 1.485 + connect to 27; 2.485 + connect to 28;	th (the 485 + 2; 485 - 2; stat the old): 27; 28;	state	The number of periodic continuous lights indicates different states: One: SIM module is ok Two: Internet of things card is ok There: Device positioning successful Fore: Internet of things card signal is normal Five: Internet of things card GPRS function is ok
GND	Ground (Empty)			Six: The device was successfully



PE	Ground terminal (Grounding resistance $<10 \Omega$)	connected to the data center Seven: The device connected to the server successfully Eight: The equipment received and send data successfully (Example: the device flashes twice,
		pauses for a while, and continues flashing for 5 times, indicating that the
		device is not located successfully)

10.1. Binding BM300-GPS

注: BM300-GPS requires proper antenna installation and power supply



QR code of Sunye cloud APP

QR code of DTU

SER NO



Sunye Electric co. ,Ltd 凯中国移动 😤 🔒 🛛 5i1中国移动 😤 当中国移动 金 洗择网络模块 添加DTU模块 设备管理 (C)+ ≡ 设备管理 ← \equiv C 4 ID: LR86818303 请选择网络接入方式 Q 输入搜索关键字 公司名称 日业电气 1.DTU接入 日业电气工业园 日业电气工业园 GPRS 日业电气工业园 顶日名称 第1页 第1页 由梯编号 2019-05-30-04 已加载全部数据,共1个 已加载全部数据,共1个 变頻器ID 60376 5.Click "下一步" 6.Input information of Company 7.update 8.Add Finish

10.2. Function Of Sunye Cloud Platform APP

10.2.1. Check the position





10.2.2. The remote control



10.2.3. Modify device information

