

Connect GP-PC200 Battery with Growatt Inverter



Step 1: BMS Setting

•	PbmsTools HS1.0.6 (i	Protocol code:HS-PACE	-232-BP-V1.1)					_		×
Re	ealtime Monitoring	Multi Monitori	ng Memory Info	. Parameter Setting	System Config.	Export Datas				
-1	Voltage(mV)				Capacity(mAH	ł)				
	Vref		Calibration			DesignCapacity				
	Pack Voltage		Calibration			RemainCapacity				
	Current(mA)					FullCapacity				
	CHG Current (1000-60000mA)	~	Calibration	Resetting			Read Write			
	Zero Current		Calibration	Resetting	Battony Ovela	Sotting				
	DSG Current (1000-60000mA)	~	Calibration	Resetting	- battery cycle	Battery Cycle	0 🗘 Setting			
	Cell Number Setting									
	Cell Numbe	er 🗸 🗸	Setting		niverter proto	CAN Protocol GR	OWATT ~	7		
	CHG Current Settin	g			R	S485 Protocol	· · · · · · · · · · · · · · · · · · ·			
		_				Type	~	/		
	Start Current(#		Setting	Read			Read Write			
	Gap Charge Setting]			Manufacture	Information				
	Gap Charg	e Threshold	✓ Set	tting	🗌 Clear text	box after writin	g			
					🗌 no-repeat	BMS S/N	2	20 ~	Write	
					🗌 no-repeat J	PACK S/N (20)		20 ~	Write	
VEI	R:	BMS S/N:	P	ACK S/N:	сомм:			<	16:5 2024-	3:09 05-01

Method 1: In PbmsTools, choose CAN Protocol -> GROWATT as Inverter Protocol.

Method 2: In battery screen, choose CAN Port -> Growatt as Current Protocol.









Step 2: Change Battery Address: In battery front pannel, set ADS to ON OFF OFF, then restart the battery.





Step 3: Inverter Setting: Follow inverter manual, set Li as Battery Type, and set CAN

Communication Protocol as 51.

2. LCD setting

To connect battery BMS, need to set the battery type as "LI" in Program 05.

After set "LI" in Program 05, it will switch to Program 36 to choose communication protocol. You can choose RS485 communication protocol which is from L01 to L50, and you can also choose CAN communication protocol which is from L51 to L99.

Note: you can only use one communication type RS485 or CAN in a time

		AGM (default)		0			
		682£	865	00Š			
		Flooded					
		686 <u>6</u>	۶Ld	00Š			
		Lithium (only suitable when communicated with BMS)					
		68 <u>5</u> 5	LI	oos			
		User-Defined		~			
05	Battery type	6855	USE	00Š			
		If "User-Defined	" is selected, b	attery charge vol	age and low DC		
		cut-on volcage can be set up in program 19, 20 and 21.					
		User-Defined 2 (suitable when lithium battery without BMS communication)					
		685F	US2 I	oos			
		If "User-Defined 2" is selected, battery charge voltage and low DC					
		recommended to set to the same voltage in program 19 and					
		20(full charging voltage point of lithium battery). The inverter will stop charging when the battery voltage reach this setting.					

	RS485 Communication protocol	Protocol 1	ΡΕርι	LOI	036	
		Protocol 2	ΡΕርί	L05	036	
		•	-			
		:				
		Protocol 50	Ρεርι	LS0	03 6	
30	CAN Communication protocol	Protocol 51	PECL	LS I	036	
		Protocol 52	ΡΕርι	L 52	036	
		:	÷			
		Protocol 99	ΡΕΕΕ	L99	036	



Step 4: Connect Battery with Inverter: Connect CAN port in battery front panel with BMS Communication Port of inverter.





Step 5: Check: Check if there is any Fault Alarm in inverter screen.

If there is any problem, please contact Gobel Power any time at

https://www.gobelpower.com/forum

Additional Resources:

https://www.gobelpower.com/downloads_ap27.html?cate=2