1. Install ISP tool by double click

, and then the you will find the icon



on the desktop of your computer; then you can continue your update procedure;

- 2. Make sure your inverter is working in battery inverter mode without load;
- 3. Connect your computer to the inverter by USB line;
- 4. Find the serial com(which display as CP210x) as below:



 If you can't find COM3 or others as above, you may setup the drivers as below: CP210x_Windows_Drivers(for win7) or CP210x_Windows_Win10_Drivers(for win10);



- 6. Open ISP TOOL by double click icon
- 7. you will get the below figure:

on your desktop:

J.C.P.	1			PORC	1100	·						
OM COM3	UDD/H	VEN None		-	pened	Exit	Test					
AVD. 9600	DATA	BITS 8		- S	tep 3							
TOP BIT	- 201			Cost	O Seconds	TMS320F2809						
MS320F28XX FLASH	EX2BIN),t								
FILE		Step 2			Step 4							
AP Code path:	E:\DownLoad\F280	9. bin		ו		DI AG						
1010 1010-0000 10						FLAS	H					
Flash file size	: 229376											
		s - s			-							
Error Recover	0	Erase										
Error Recover PackO:	0	Erase	0				0%					
Error Recover Pack0: Pack1 :	0 0	Erase Program	0				0%					
Error Recover PackO: PackI:	0 0 0	Erase Program	0				0%					
Error Recover Pack0: Pack1: Status:	0 0 0 0	Erase Program Verify	0				0%					

Please select as above and then press FLASH to update the inverter program.

- 8. After you press FLASH button for a few seconds the updating will execute and it will run about 7 minutes; during updating, please don't touch the USB line and make sure the inverter is supplied by the battery.
- 9. After updating is finished the inverter will restart by itself.

COM. SETTING												FUN	ICTI	ON								
COMS COMS	•	ODD/E	VEN	Non	e				×				Ope	ned			I	lxi ·	t			Test
9600 9600	*	DATA J	BITS	8					*													
STOP BIT 1 2021/1/21 9:21:50								Cost 461 Seconds TMS320F2809														
MS320F28XX FLASH	HEX2BIN																					
ם קודק	27204920190340																	_				
AP Code path: E:\DownLoad\F2809.bin												_	F	a.	A	SH						
Flash file size	e: 229376																			37.1	5.85	
		*	6	00 1	00	80 0	0 00	00 (00	00	00	01	00	08	00	OE	00	00	00	00	03	*
Send: Start!		8			00	OD 9	3 00	00 0	03	02	00	03	00	00	00	00	00	00	00	00	03	
Get: C1				48 !	од 52 -	39 4 48 5	0 D4	4 40 3 52	48	40 52	48	40	52 48	40 52	52 48	40 52	52 48	40 52	52 48	40	48	
Send: Block2				52 .	48	52 4	8 52	2 48	52	48	52	48	52	48	52	48	52	48	52	48	52	
Get: C2		*		48 !	52	48 5	2 48	3 52	48	52	48	52	48	52	48	52	48	52	48	52	48	*
Error Recover	0		Erase		-																	
Pack0:	0				G	et E	ndiı	ng:	С													100%
Packl:	82		Progra	um.																		
Status:	9		Vari fr		0	2																100%
			verity	10	0																	100%

10. Then close the ISP TOOL and disconnect the USB line.

NOTE:

Sometimes updating may fail, you may close the inverter by disconnect battery break and close ISP tool and disconnect USB line. Confirm the inverter is not power by battery or PV or utility.

Then you connect USB line again, and open ISP tool do the same step as above, after you press Flash button, you let the inverter power on. Wait for several minutes the update will go on.