Restart the smart unit board at NET2 port

For certain scenarios, local monitoring SCADA loss communication to the inverter due to plant network error, which causes the local monitoring SCADA unable to receive the data from the inverter. Installers can try to ping the IP address of the inverter or try to access the inverter web IP and check at inverter HMI and see the item H as below:

"G"H	Item	Description
	A	Yield data. The first line from the top is the present active power, work state is the transient state of the inverter.
	В	Today's active power curve to indicate the power percentage (power value divides the inverter nominal power value).
	С	DC side voltage and current of the inverter
	D	AC side line-to-line voltage and phase current
	E	Language selection button. Click to change among English, Chinese, French and Italian.
	F	Present date and time
	G	Success rate of the inverter internal communication
	н	Success rate of communication between the inverter and PC

Figure 1: Default screen introduction

This document will guide installers how to restart the *smart unit board* at the communication power distribution cabinet/Intelligent PMD in SG2500/SG2500MV turnkey station. Installers need to prepare a laptop and Internet cables to connect to the smart unit board.



Figure 2: SG2500 turnkey station and internal device layout

GD_202004_SG2500-SG2500MV_NET2 SCU restart_V1.0

Devices in the above figure are:

Item	Device	Description
к	Intelligent PMD	The upper part of the cabinet integrates monitoring function and the lower part of the cabinet integrates AC power distribution function
#1	Module 1	
#2	Module 2	Hereinafter the four modules will referred to as #1, #2,
#3	Module 3	#3 and #4 respectively
#4	Module 4	

Remove the top cover and connect the Internet cable to the NET2 port as below:



Figure 3: Smart communication board in the intelligent PMD

Restart steps

GD_202004_SG2500-SG2500MV_NET2 SCU restart_V1.0

1) Connect the laptop to the NET2 port through the internet cable (default IP address of NET2: 192.168.12.125)

2) Log in the smart unit board through web browser and key in the password: SUNGROW as below then click login

Input USER/PASSWORD please.	
「请输入密码	
用户:蔷薇用户▼	
^{密码:} SUNGROW	
2.2 C	

Figure 4: Web interface of smart unit board

3) After login, click item 1 on Figure 5 for system settings on the left corner and the installer will be directed to following page as below, tick the small box (2) and click the restartbutton (3). User may logout after 15 seconds.

[Loreat]	
1. <u>最低管理 ≫></u> 2. <u>系统信息 ≫></u> 3. <u>系统设置 ≫></u> 1	留範定功券線(2)(便林屋置参数生效) 通知运动系線 (2)(便林屋置参数生效) 通知运動系線 重新运动系统(2)(便林屋置参数生效) 通知运用 3 Confirm to restart A统升级 2 Tick box L作用规文件(*zip) Choose File No file choosen BuiLL® V明 L.作機板为ZIP塔式灯包文件、由公司技术人员提供 2、文件內容为圆定格式,內含MD-校验编集e

Figure 5: Web interface to restart the smart unit board

4) Check at the inverter HMI and observe the success rate of communication between the inverter and PC.

If you have any questions on this procedure, please take photos testing on site and contact or email to Sungrow Service team at *www.sungrowpower.com/en/service*