SDongleB-06 Smart Dongle Quick Guide (4G)

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- SDongleB-06 Smart Dongle (also referred to as the Dongle) is a smart communications expansion module that works with Huawei inverters to implement wireless communication between inverters and the management system through the 4G network. If multiple inverters are cascaded, use either a Dongle or a SmartLogger for networking. You cannot use two networking methods at the same time.





IL04H00042 2 Install the Dongle. 0.8-1.1 N·m С Inverter USB port LED **R** ක



D NOTE

Ensure that the AC and DC sides of the inverter are powered on before setting parameters.

Install the FusionSolar app. Perform the **Setup wizard** operations. If you have performed such operations, skip this step. If not, you can scan the QR code below to obtain the app 3. quick guide which describes the Setup wizard operations

NOTE

- You can obtain SIM card parameters from the SIM card carrier. For more details about how to use the app, scan the QR code to obtain related documents.
- To create multiple installer accounts for a company, log in to the app and then tap **New User**.



Ensure that the Dongle enclosure is properly installed



LED		Demontos	Description
Color	Status	Remarks	Description
-	Off	Normal	The Dongle is not secured or not powered on.
Yellow	Steady on		The Dongle is secured and powered on.
Green	The blinking interval is 2s. The indicator is on for 0.1s and then off for 1.9s.	Normal	Dialing (lasts for less than 1 minute)
		Abnormal	If the duration is longer than 1 minute, the 4G parameter settings are incorrect. Re-configure the parameters.
	Blinking slowly (on for 1s and then off for 1s)	Normal	The dialup is successful (lasts for less than 30s).
		Abnormal	If the duration is longer than 30s, the management system parameters are incorrectly set. Re-configure the parameters.
	Steady on	Normal	The management system is successfully connected.
	Blinking fast (on for 0.2s and then off for 0.2s)		The inverter is communicating with the management system through the Dongle.
Red	Steady on	Abnormal	The Dongle is faulty. Replace the Dongle.
	Blinking fast (on for 0.2s and then off for 0.2s)		The Dongle has no SIM card or the SIM card is in poor contact. Check whether the SIM card has been installed or is in good contact. If not, install a SIM card or remove and re-insert the SIM card.
	Blinking slowly (on for 1s and then off for 1s)		The Dongle fails to be connected to a management system because the SIM card has poor or no reception, or has run out of mobile data. If the Dongle is reliably connected, check the SIM card connectivity through the app. If you have poor or no reception, contact the carrier. Check whether the tariff and mobile data plan of the SIM card are adequate. If not, ensure sufficient balance in the SIM card or purchase a data package.
Blinking red and green alternately	Blinking slowly (red for 1s and green for 1s)		 No communication with the inverter Remove and then insert the Dongle. Check whether the inverter matches the Dongle. Connect the Dongle to another inverter. Check whether the Dongle or the USB port of the inverter is faulty.
	Blinking fast (red for 0.2s and then green for 0.2s)	Normal	The Dongle is being upgraded locally.

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