

# Solis Technical SOP

## SC5-GC50/60K Communication Plug

Document version: 1.0

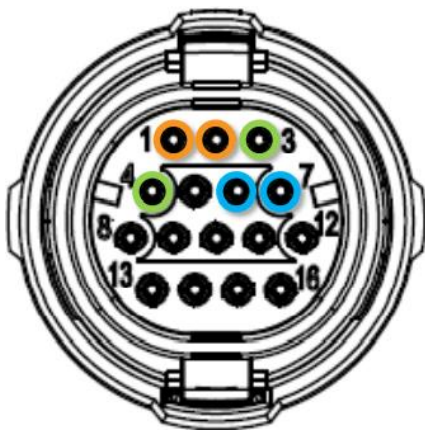
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### 1. Overview

The new S5 50kW and 60kW inverters have a new 16 pin plug that is now used for communication with external devices.

There are various ways of connecting equipment into this plug as described below.

### 2. Plug Connection Description



- **Pin1 – Meter RS485-A** ] For connection of DTSD 1352 Modbus comms
- **Pin2 – Meter RS485-B** ] cable (24H consumption monitoring possible)
- **Pin3 – COM1 485-A** ] For connection from I.E. EPM3-5G-PLUS
- **Pin4 – COM1 485-B** ] Export Power Manager
- Pin5 - /
- **Pin6 – COM2 485-A** ] For connection from I.E. Inverter 1
- **Pin7 – COM2 485-B** ] to Inverter 2 (Pin3 and Pin4)
- Pin8 - /
- Pin9 – DRM 1/5
- Pin10 – DRM 2/6
- Pin11 – DRM 3/7
- Pin12 – DRM 4/8
- Pin13 – RefGen
- Pin14 – Com/DRM0
- Pin15 – V+, 12V
- Pin16 – V-, GND

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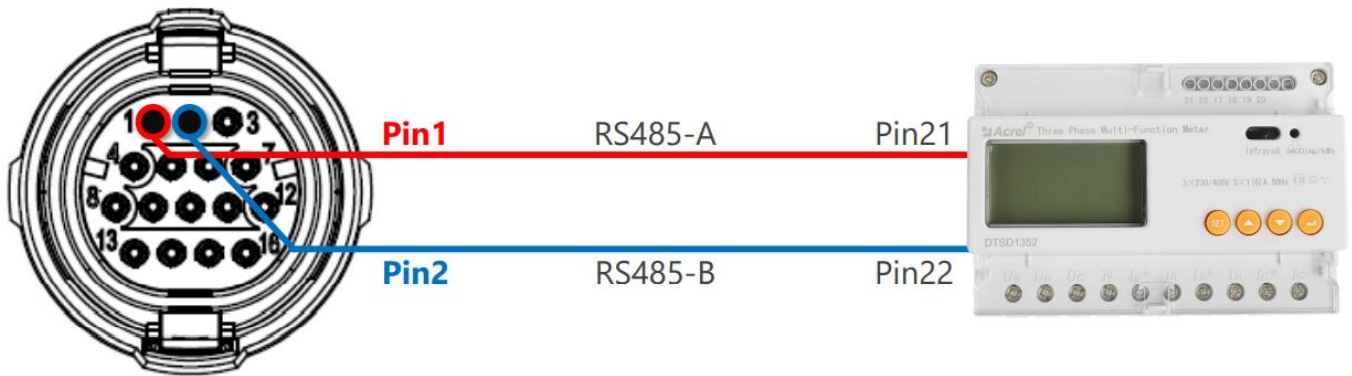


Made by Ginlong Technologies  
Stock Code: **300763.SZ**

w: [solisinverters.com](http://solisinverters.com)

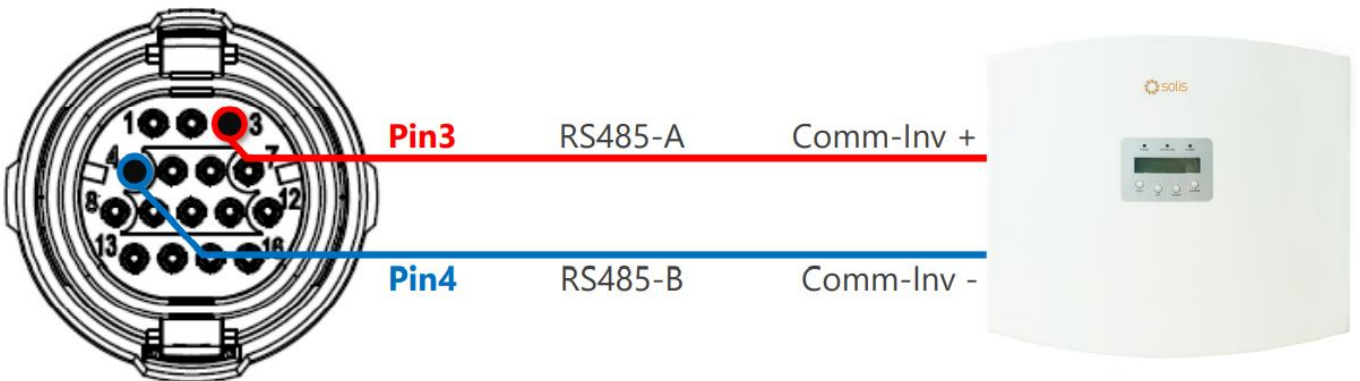
### 3. Connection to a Meter

Connection of a Solis DTSD1352 External Meter, this is applicable for a single Inverter application only.



### 4. Connection to a EPM 5G

Connection of EPM3-5G-PLUS to Inverter 16 Pin Comm Plug.



## 5. Multiple Inverter / EPM Connection

Connection of EPM3-5G-PLUS to Inverter 1 – 16 Pin Comm Plug and Inverter 2 – 16 Pin Comm Plug

