



CABLE TYPE	VALUE
Type of connection cable between inverters and meter	Min. 3-wire twisted and shielded wire. Cross section area: 0.2 - 1 mm <sup>2</sup> . or CAT5 cable STP or CAT6
MAX DISTANCE	VALUE
Max cable length between the inverter and meter RS485-1	CAT5 or CAT6 up to 100m Shielded RS485 Cable up to 1000m

**SINGLE LINE DIAGRAM**

Title:  
**INVERTERS - FIREFIGHTER GATEWAY (FFG) COMMERCIAL GATEWAY (CCG) - METER**  
 Communication wiring schematic

Project details:

Notes:

Rev	Description	By	Date
00	First Release	AG	16/11/23
01	Final Updates	AG	27/11/23
02	New Note	AG	30/04/24

For review   
  For construction   
  As Built

Scale: n/a    Format: A3

File name:



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**!! IMPORTANT !!**

The FFG or CCG cannot be used as a leader device in order to comply with the new PSTI 2022 regulation

SolarEdge FireFighter Gateway  
 cod. SE1000-CCG-F-S1  
 power supply adapter  
 (included in the kit)

SolarEdge Commercial Gateway  
 cod. SE1000-CCG-G-S1  
 power supply adapter  
 (included in the kit)

DIP SWITCH 1    DIP SWITCH 2

Terminate first and last devices:  
 Move up SW1 DIP switch  
 (left switch)

DIP SWITCH 1    DIP SWITCH 2

Terminate first and last devices:  
 Move up SW1 DIP switch  
 (left switch)