



**SINGLE LINE DIAGRAM**

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

Project details:  
 Aspect 1:  
 N.1 CCG, n.1 irradiance sensor, n.1 ambient temperature sensor, n.1 module temperature sensor

Notes:

**!! IMPORTANT !!**  
 The CCG cannot be used as a leader device in order to comply with the new PSTI 2022 regulation

CABLE TYPE	VALUE
Type of connection cable between inverters and meter	Min. 3-wire twisted and shielded wire. Cross section area: 0.2 - 1 mmq. 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

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:



This document including design contained herein is confidential and non-transferable to any third party including any without limitation any competitors of SolarEdge. This document has been provided to you in reliance upon your undertaking to keep its contents in strict confidence and not to copy, share or distribute this document in any way to any third party without SolarEdge's prior written consent. Design may vary due to actual site conditions.