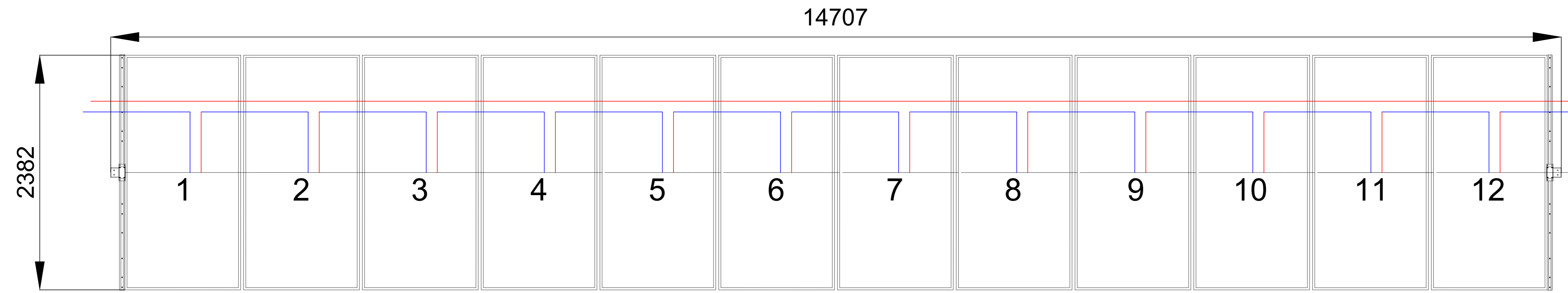
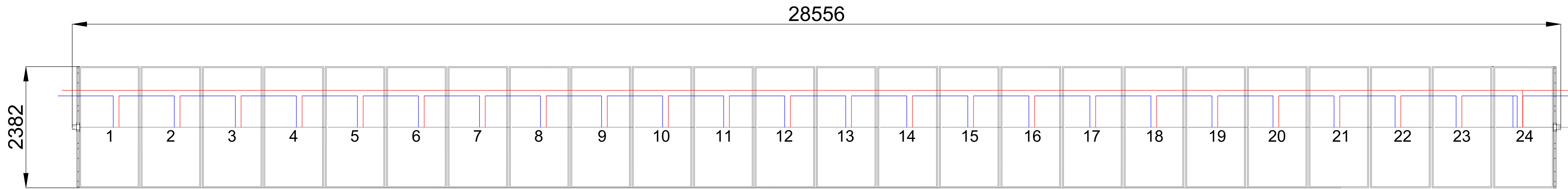


TIPICO DI COLLEGAMENTO STRINGHE - STRING INVERTER

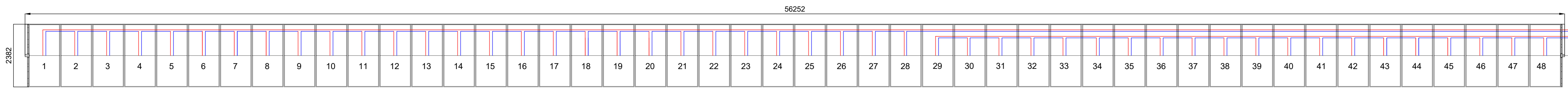
CONNESSIONE DEI MODULI - TRACKER 1X12



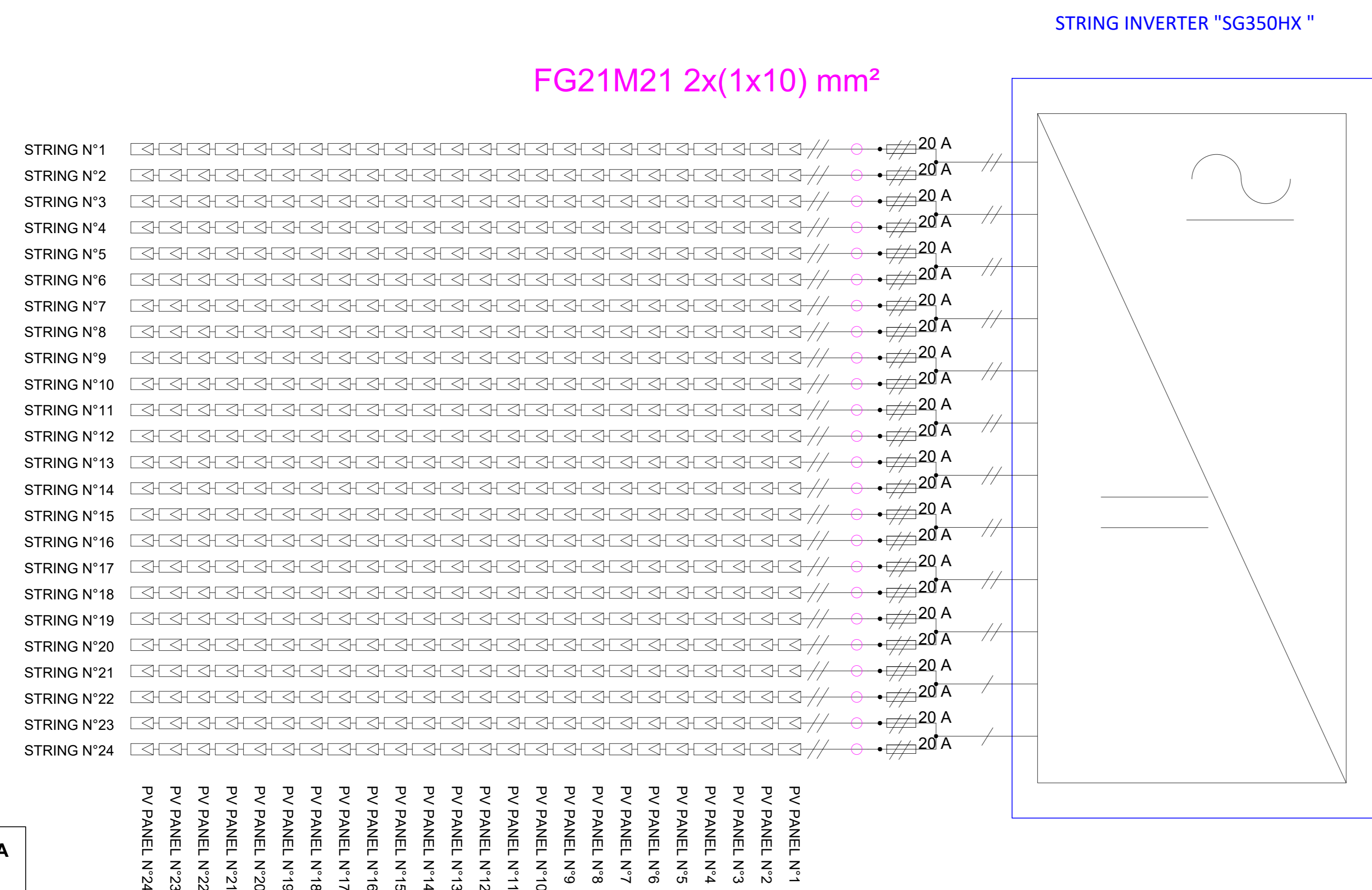
CONNESSIONE DEI MODULI - TRACKER 1X24



CONNESSIONE DEI MODULI - TRACKER 1X48

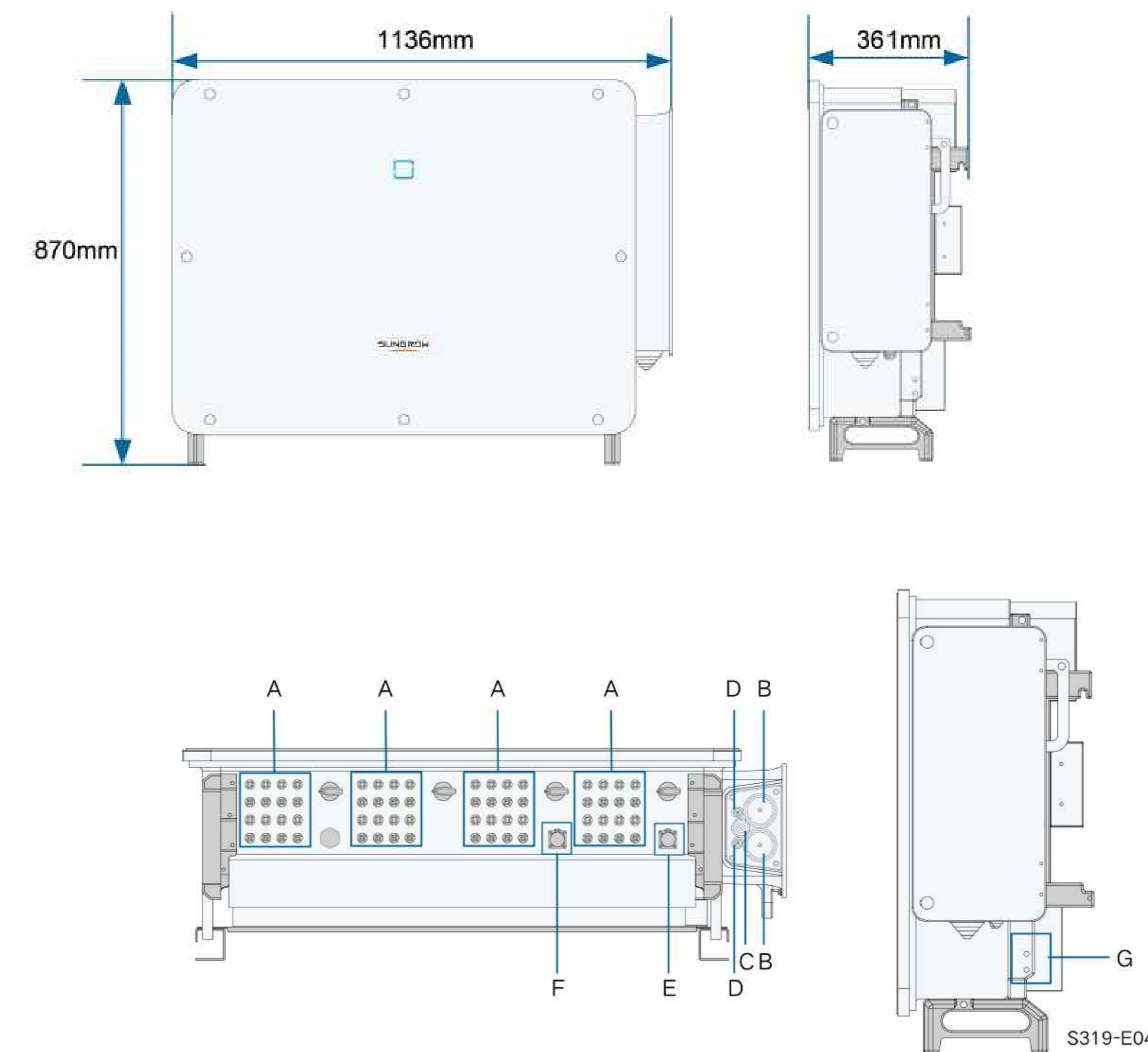


CONNESSIONI STRINGHE - STRING INVERTER



PARAMETRI DI STRINGA
 $I_{sc} = 15,41 \text{ A}$
 $I_{mp} = 14,72 \text{ A}$
 $V_{oc} = 1076,4 \text{ V}$
 $P_{stringa} = 14,84 \text{ kWp}$

STRING INVERTER "SG350HX"



LEGENDA

- CAVO DC (+)
- CAVO DC (-)
- MODULO FOTOVOLTAICO - 660 Wp

Item	Terminal	Mark	Note
A	PV terminals	+ / -	24 / 28 / 32, PV connector The number of PV terminals varies, subject to actual product received
B	AC wiring terminal	—	Used for AC output cable connection.
C	Standby grounding terminal	—	If the PE cable is an independent single-core cable, it should be led into the AC junction box for cable wiring through the standby grounding terminal
D	Tracker terminal	—	For the power cord wiring of the Tracking system
E	Communication terminal	COM1	For RS485 communication wiring.
F	Communication terminal	COM2	Optional, DI/DO and CAN wiring, etc Communication terminal COM2 is optional, subject to actual product received
G	External protective grounding terminal		For reliable grounding 2, use at least one of them to ground the inverter.

ULTERIORI RIFERIMENTI

Schema elettrico unifilare-Impianto FV

REV	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED
01	24/02/2025	Rev 01	V. Nardo	F. Trovati	L. Speciano
00	31/01/2025	Emissione Definitiva	E. Romano	E. Hernandez	L. Speciano

PROGETTO: Progetto di un impianto fotovoltaico denominato "Fabbrico" da realizzarsi nel comune di Fabbrico (RE), e delle relative opere di connessione da realizzarsi nei comuni di Fabbrico (RE), Rio Saliceto (RE) e Carpi (MO)

FILE NAME: TYPICO_COLLEGAMENTO_STRINGHE-STRING_INVERTER.DWG

COMPANY	FORMAT: A0	SCALE: VARIE	PLOT SCALE: 1:1	SHEET: 2/1
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CLIENT VALIDATION		UTILIZATION SCOPE: UT.SCOPE		CLIENT CODE	
VALIDATED BY	VALIDATED	GROUP	DOC	PROGRESSIVE	REVISION
VERIFIED BY	VERIFIED	FAB ENG TAV 018 01			
COLLABORATORS	COLLABORATORS				