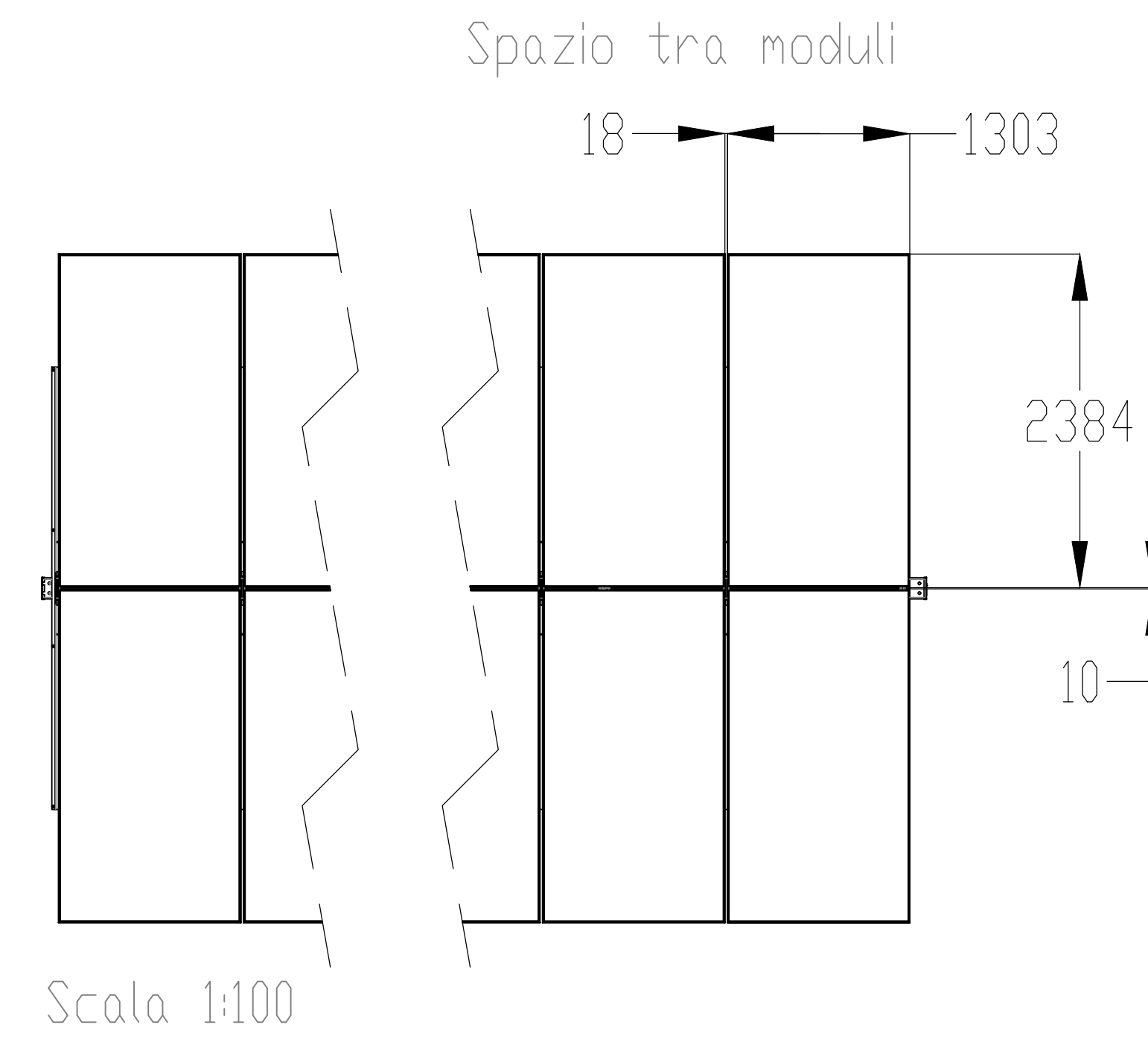


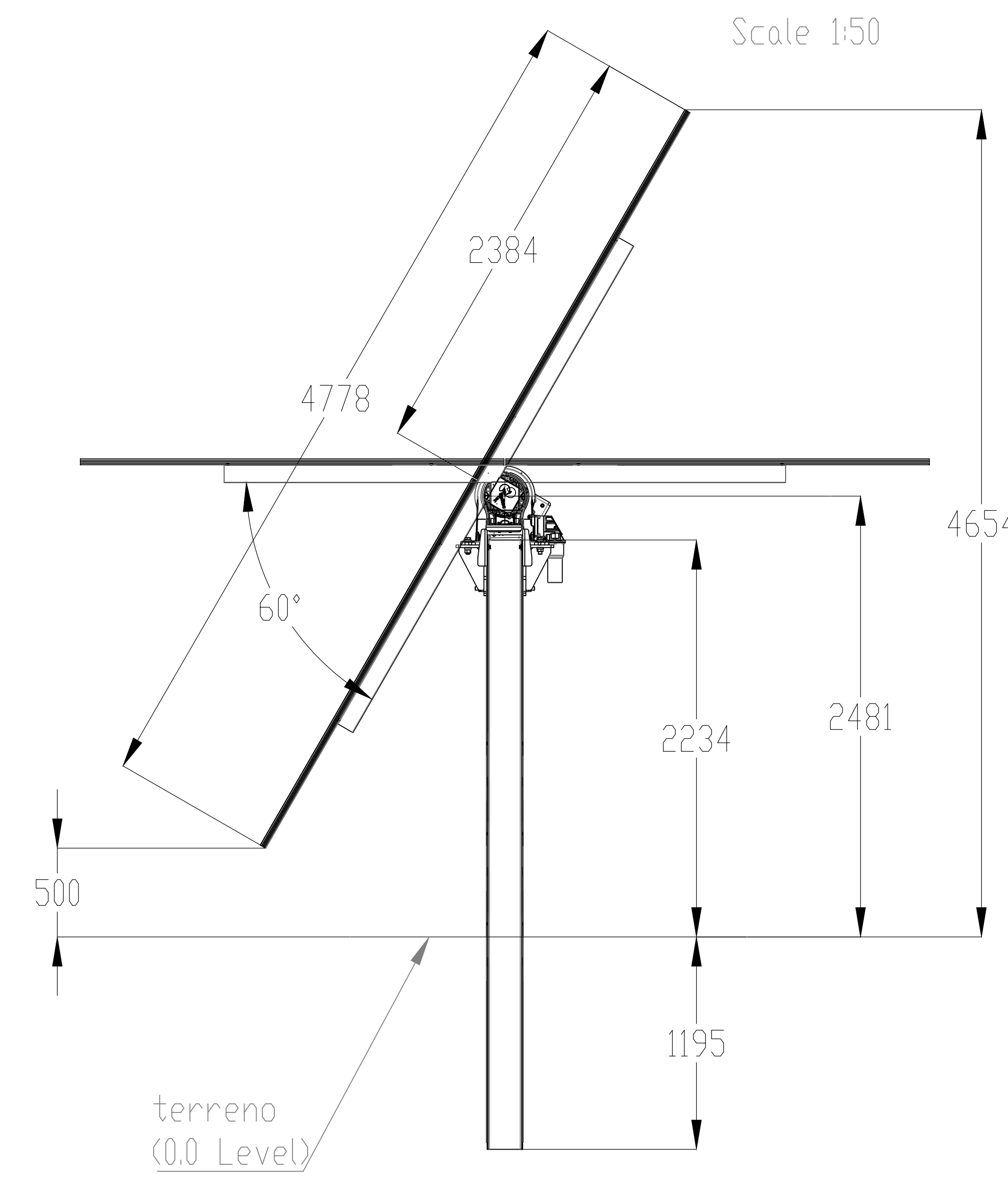
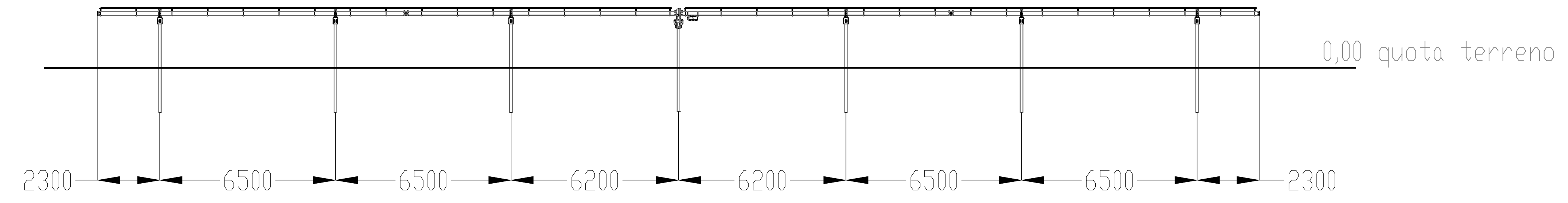
STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE - DA 2 STRINGHE DA 32 MODULI

Vista in pianta - Scala 1:100



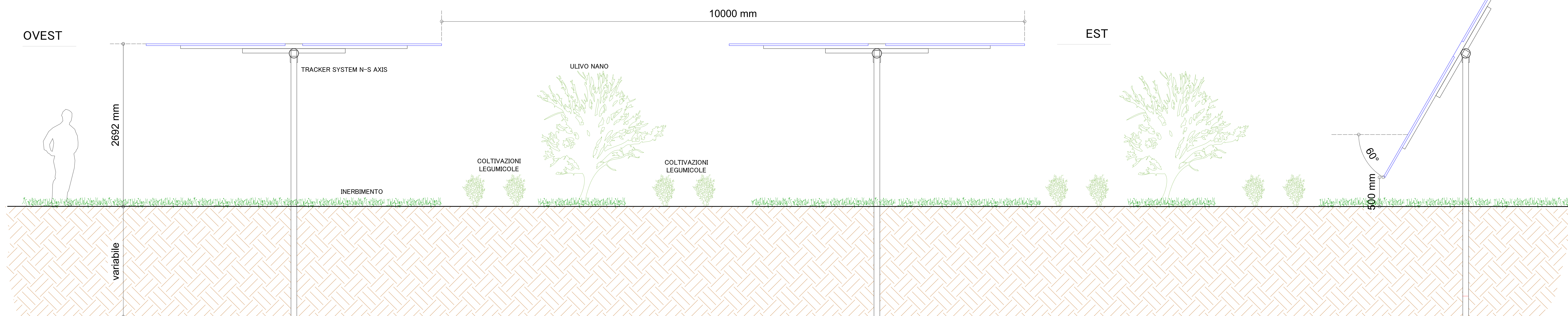
Scala 1:100

CONFIGURAZIONE 2X32

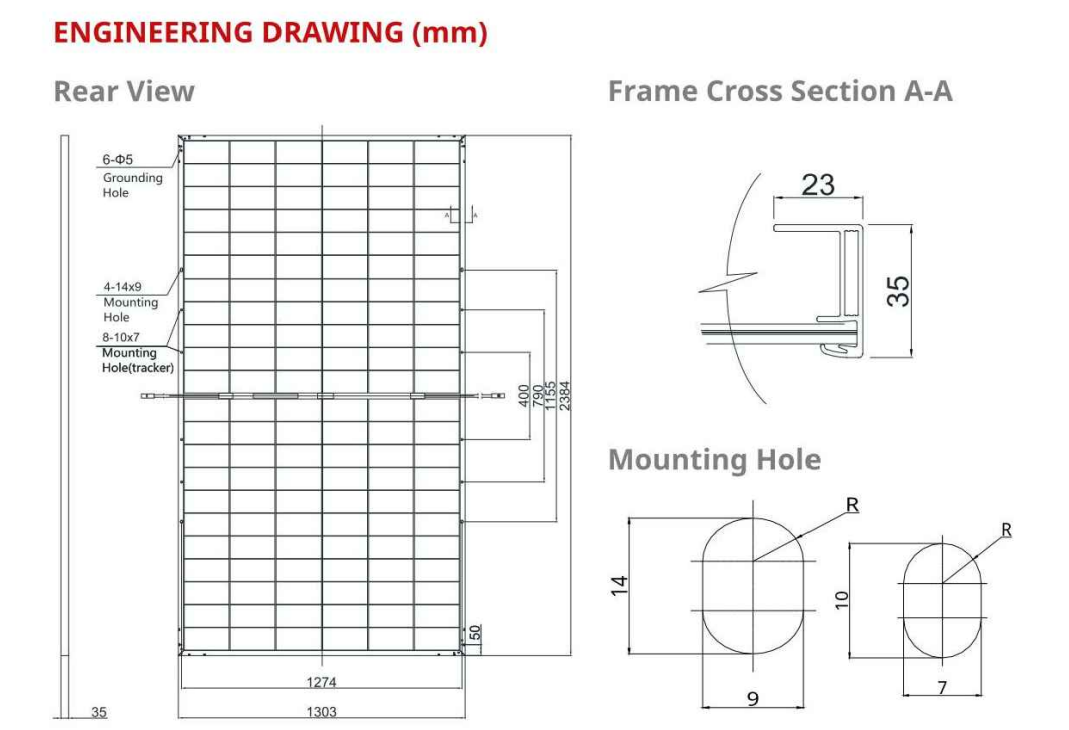


STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE

Vista in prospettiva - Scala 1:25

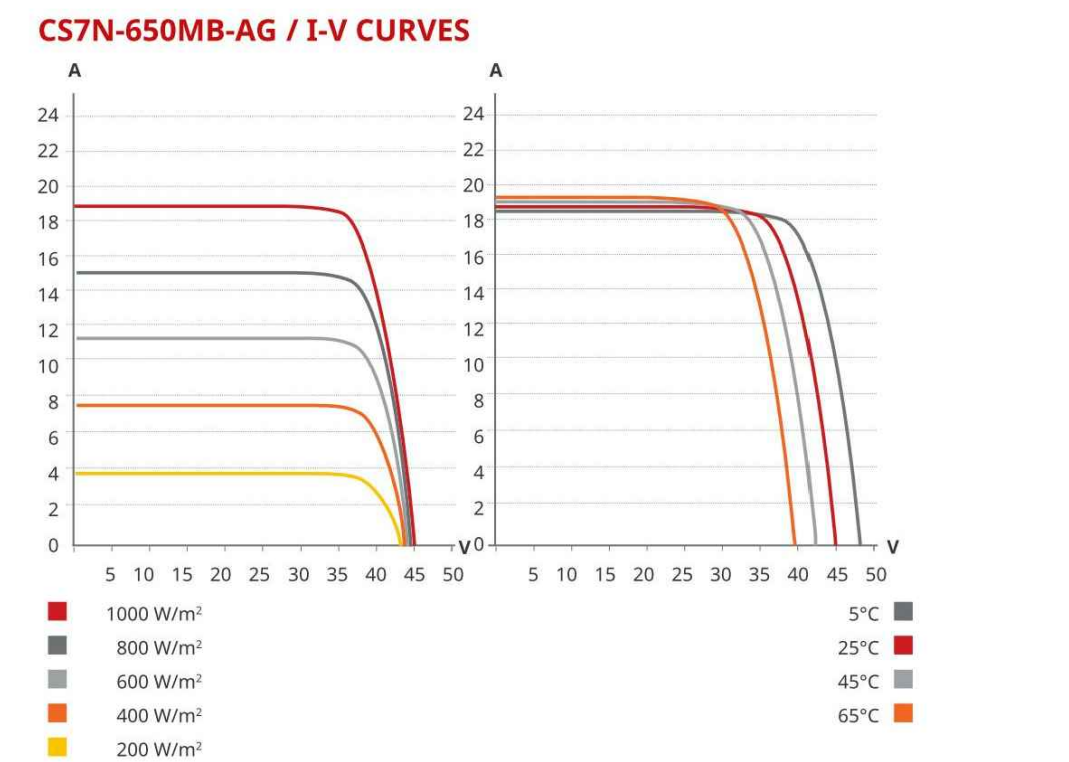


MODULO FOTOVOLTAICO CANADIAN-SOLAR - BuHiKu7 CS7N-635MB-AG



ELECTRICAL DATA | STC*

	Nominal Power (P _{max})	Opt. Operating Voltage (V _{mp})	Opt. Operating Current (I _{mp})	Opt. Operating Voltage (V _{oc})	Opt. Operating Current (I _{sc})	Open Circuit Voltage (V _{oc})	Short Circuit Current (I _{sc})	Module Efficiency (%)
CS7N-635MB-AG	635 W	36.7 V	17.31 A	44.4 V	18.27 A	44.4 V	19.18 A	20.4%
Bifacial**	10% 699 W	36.7 V	19.05 A	44.4 V	20.10 A	44.4 V	20.10 A	22.5%
	20% 762 W	36.7 V	20.77 A	44.4 V	21.92 A	44.4 V	21.92 A	24.5%



ELECTRICAL DATA | NMOI**

	Nominal Power (P _{max})	Opt. Operating Voltage (V _{mp})	Opt. Operating Current (I _{mp})	Opt. Operating Voltage (V _{oc})	Opt. Operating Current (I _{sc})	Open Circuit Voltage (V _{oc})	Short Circuit Current (I _{sc})
CS7N-635MB-AG	475 W	34.3 V	13.86 A	41.9 V	14.73 A	41.9 V	14.73 A

ELECTRICAL DATA
 Operating Temperature: -40°C ~ +85°C
 Max. System Voltage: 1500 V (IEC) or 1000 V (IEC)
 Module Fire Performance CLASS C (IEC61730)
 Max. Series Fuse Rating: 35 A
 Application Classification: Class A
 Power Tolerance: 0 ~ +10 W
 Power Bifaciality*: 70 %
 * Power Bifaciality = P_{max} / P_{max}, both P_{max} and P_{max} are tested under STC. Bifacial Tolerance: ± 5 %

MECHANICAL DATA
 Specification Data
 Cell Type: Mono-crystalline
 Cell Arrangement: 132 (2x11 x 6)
 Dimensions: 2384 x 1303 x 35 mm (93.9 x 51.3 x 1.38 in)
 Weight: 39.4 kg (86.9 lbs)
 Front / Back Glass: 2.0 mm heat strengthened glass
 Frame: Anodized aluminum alloy
 J-Box: IP68, 3 diodes
 Cable: 4.0 mm² (IEC)
 Cable Length: 460 mm (18.1 in) (+) / 340 mm (13.4 in) (including Connector) or customized length
 Connector: T4 series or H4 LTX or MCA-EV02
 Per Pallet: 30 pieces
 Per Container (40' HQ): 480 pieces
 * For detailed information, please contact your local Canadian Solar sales and technical representatives.

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (P _{max})	-0.35 % / °C
Temperature Coefficient (V _{oc})	-0.27 % / °C
Temperature Coefficient (I _{sc})	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

PARTS SECTION

PROGETTO REV 00
 DESCRIZIONE E REVISIONE
 Nuova Altride s.r.l. - GVC
 Dott. Antonio Ruscillo
 Dott. ing. Paolo Costelli
 AMBRA SOLARE 44 s.r.l. - Powertis
 Soltec
 COMUNE DI CRACO (MT)
 PROGETTO PER LA REALIZZAZIONE DI UN IMPIANTO AGRIVOLTAICO DI COLTIVAZIONE AGRICOLA E DI ENERGIA A 10 MW DC IN UN'AREA AGRICOLA IN LOCALITÀ DI CRACO (MT) - PROV. DI MATERA
 PROGETTO DEFINITIVO
 DISEGNI ARCHITETTONICI PANNELLI E PARTICOLARI SISTEMI DI ANCORAGGIO
 COD. IMP. Q/15901A01/PD
 ELABORATO IN FILE
 A.12.b.9