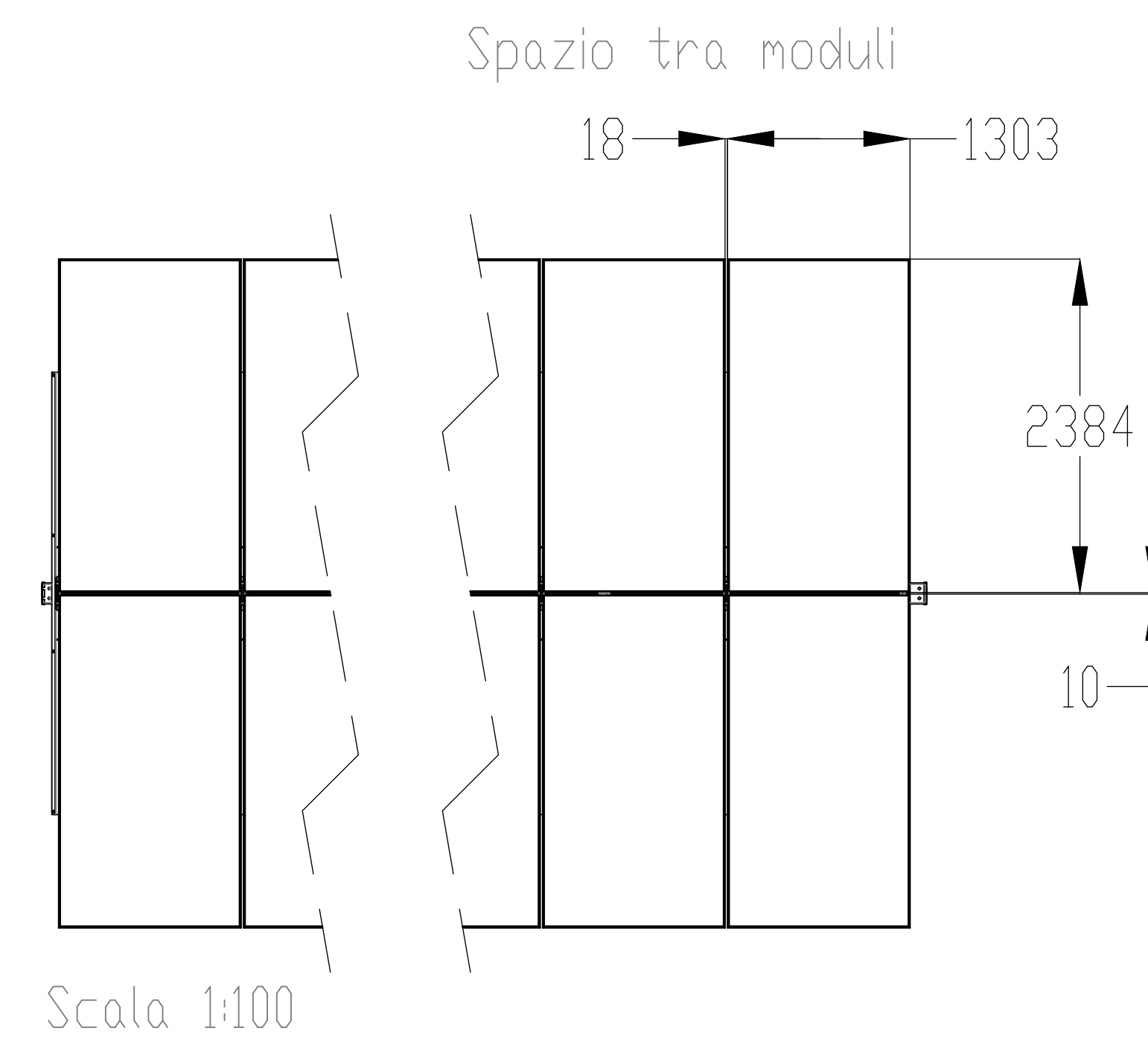
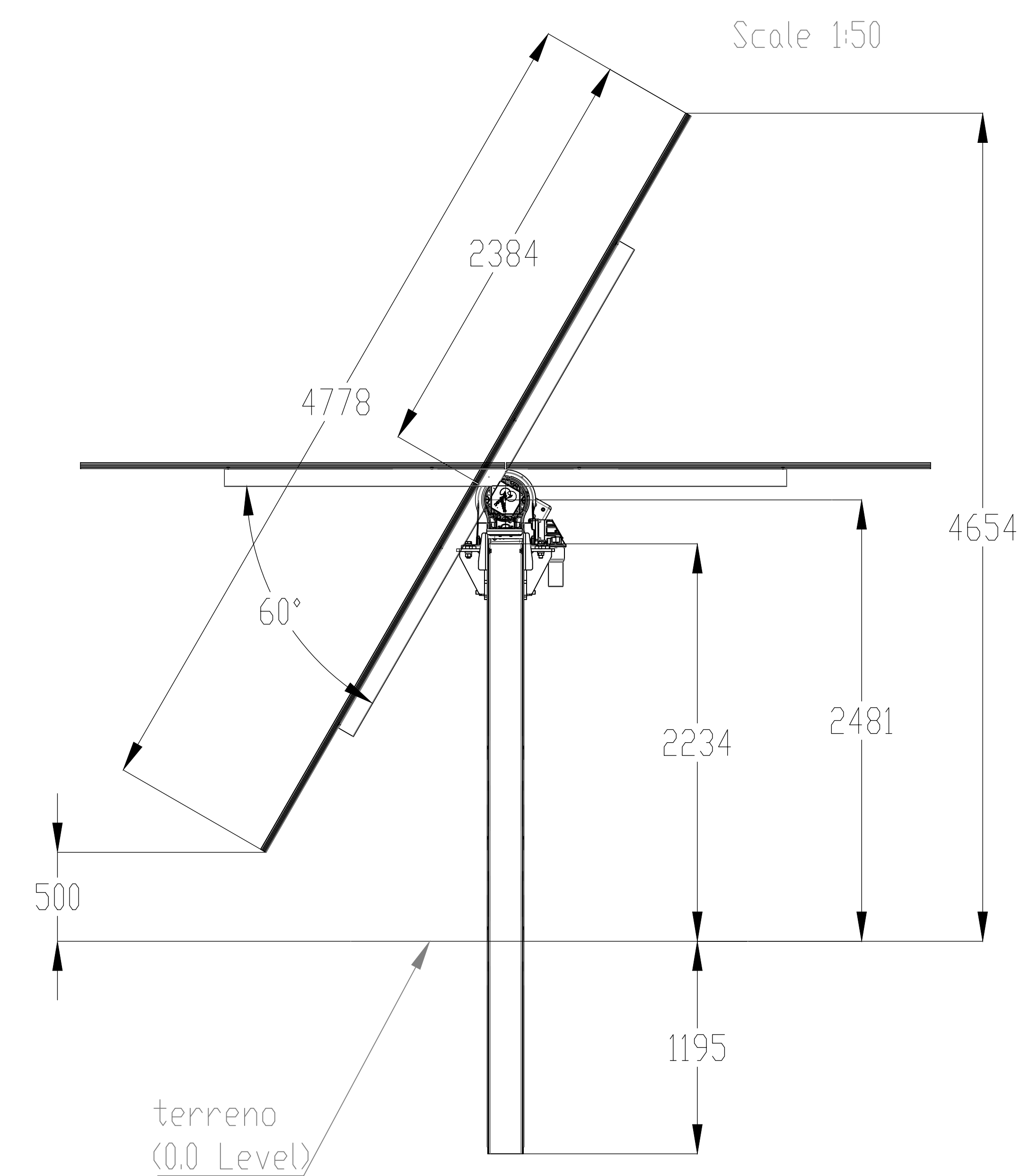
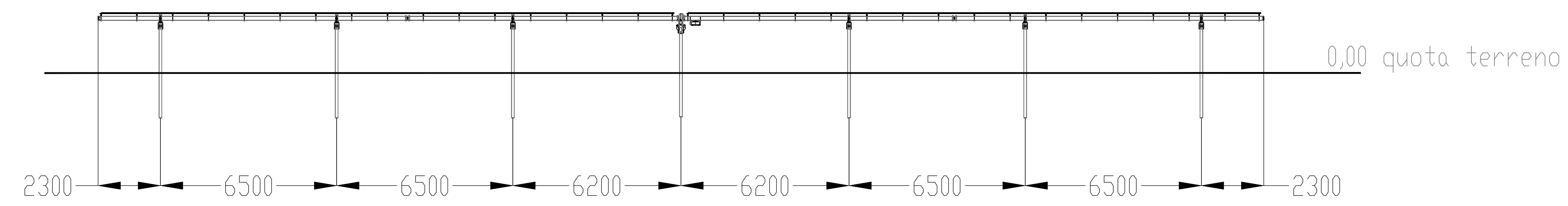


# STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE - DA 2 STRINGHE DA 32 MODULI

Vista in pianta - Scala 1:100

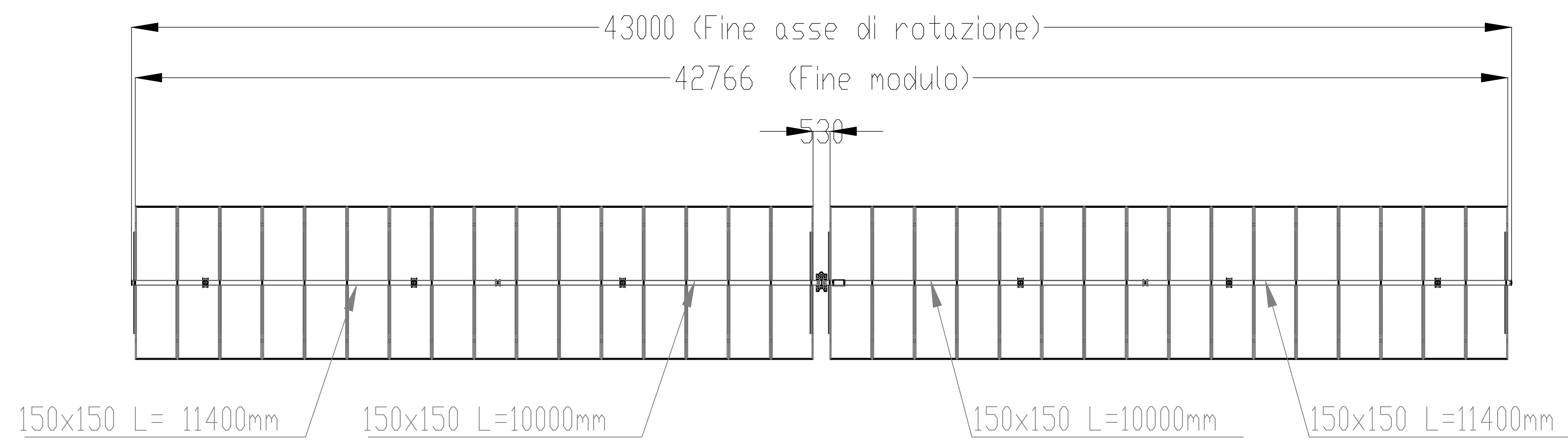


CONFIGURAZIONE 2X32



NORD

SUD



150x150 L= 11400mm

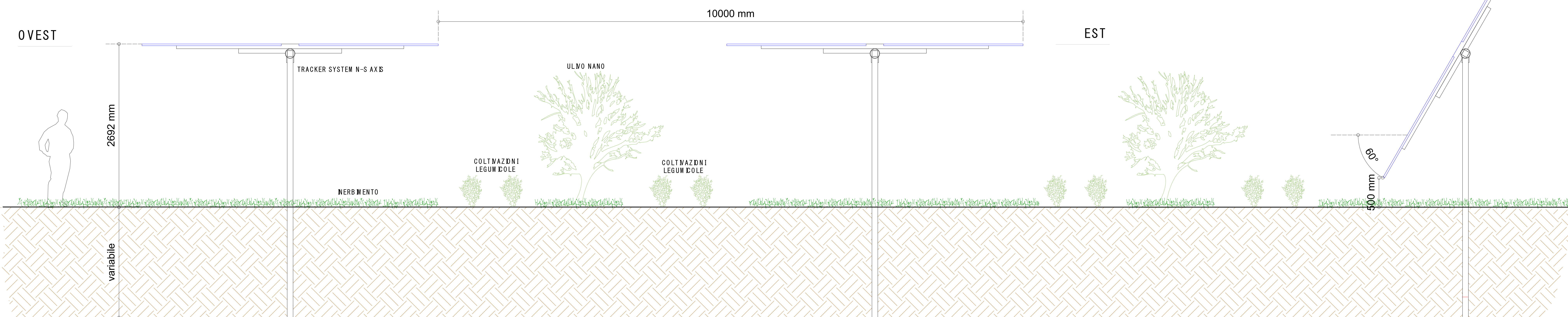
150x150 L=10000mm

150x150 L=10000mm

150x150 L=11400mm

# STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE

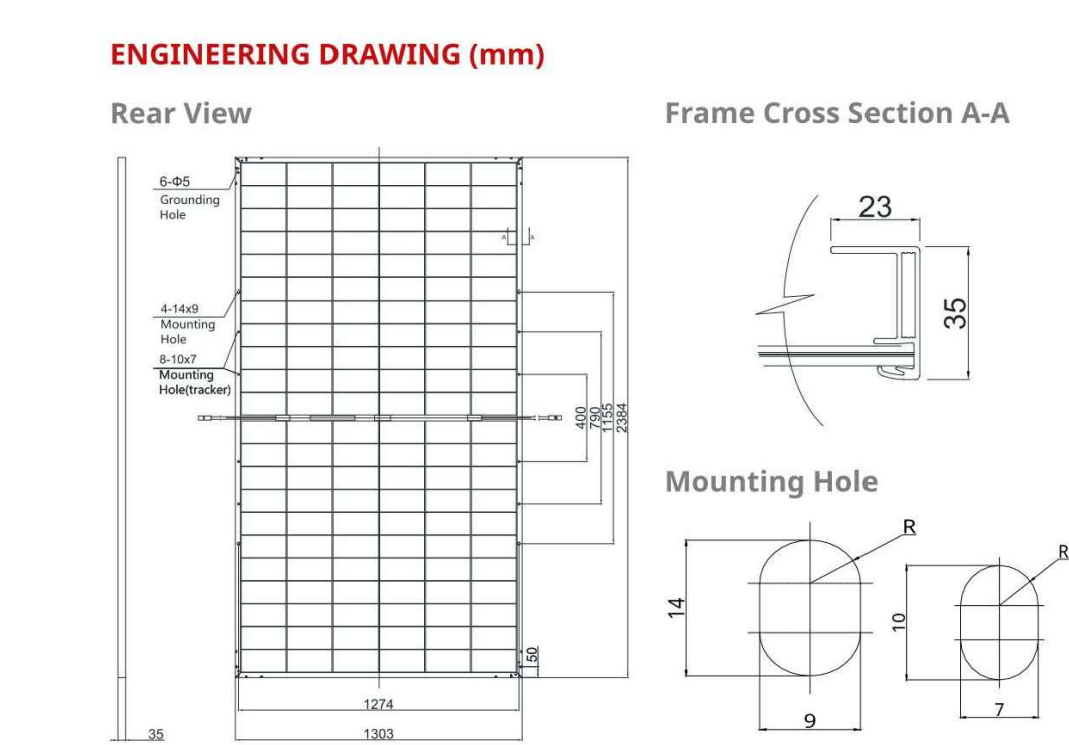
Vista in prospettiva - Scala 1:25



OVEST

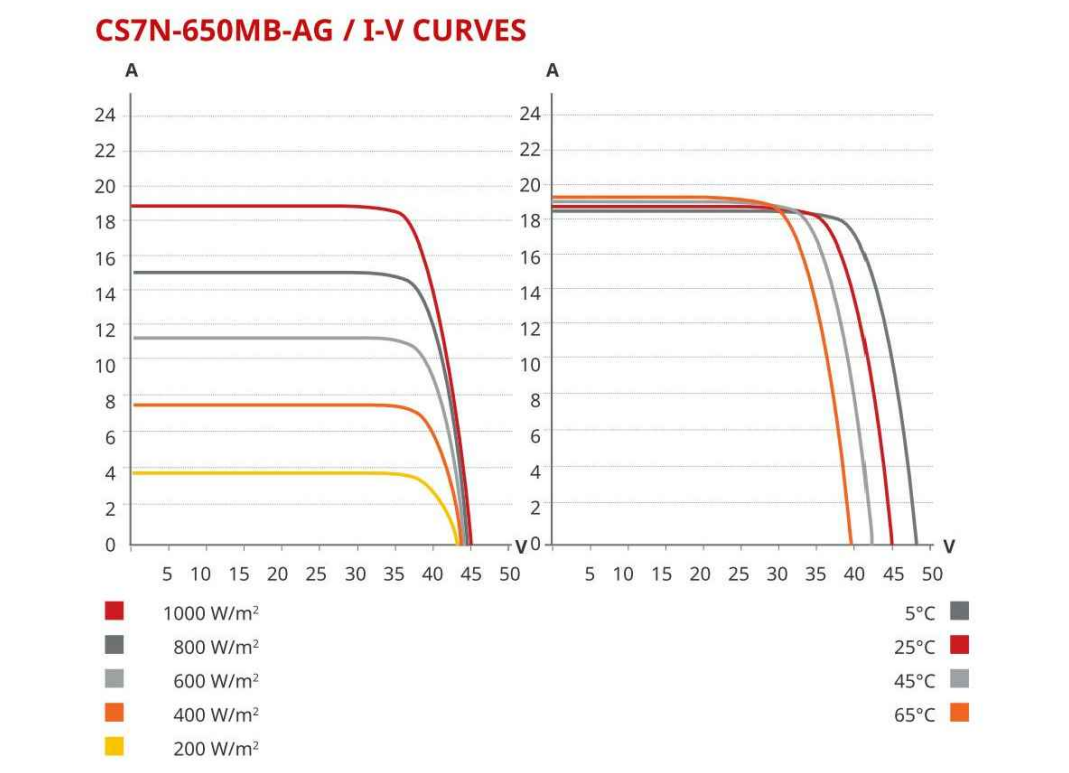
EST

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



**ELECTRICAL DATA | STC\***

	Nominal Power (P <sub>max</sub> )	Opt. Max. Operating Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</sub> )	Opt. Operating Voltage (V <sub>oc</sub> )	Opt. Operating Current (I <sub>sc</sub> )	Open Circuit Voltage (V <sub>oc</sub> )	Short Circuit Current (I <sub>sc</sub> )	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 | NMO1\***

	Nominal Power (P <sub>max</sub> )	Opt. Max. Operating Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</sub> )	Opt. Operating Voltage (V <sub>oc</sub> )	Opt. Operating Current (I <sub>sc</sub> )	Open Circuit Voltage (V <sub>oc</sub> )	Short Circuit Current (I <sub>sc</sub> )
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<sub>max</sub> / P<sub>max</sub>, both P<sub>max</sub> and P<sub>max</sub> are tested under STC, Bifaciality Tolerance: ± 5 %

**MECHANICAL DATA**  
 Specification Data  
 Cell Type: Mono-crystalline  
 Cell Arrangement: 132 (11 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 <sub>max</sub> )	-0.35 % / °C
Temperature Coefficient (V <sub>oc</sub> )	-0.27 % / °C
Temperature Coefficient (I <sub>sc</sub> )	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

**PARTS SECTION**

PROGETTO REV 00  
 DESCRIZIONE E REVISIONE  
 GVC  
 Nuova Alfordia snc, coop. a r.l.  
 Dott. Antonio Muscolo  
 Dott. ing. Paolo Costelli  
 AMBRA SOLARE 16 s.r.l.  
 Powertis  
 Soltec  
 COMUNE DI CRACO (MT)  
 DISEGNI ARCHITETTONICI PANNELLI E PARTICOLARI SISTEMI DI ANCORAGGIO  
 A.12.b.9