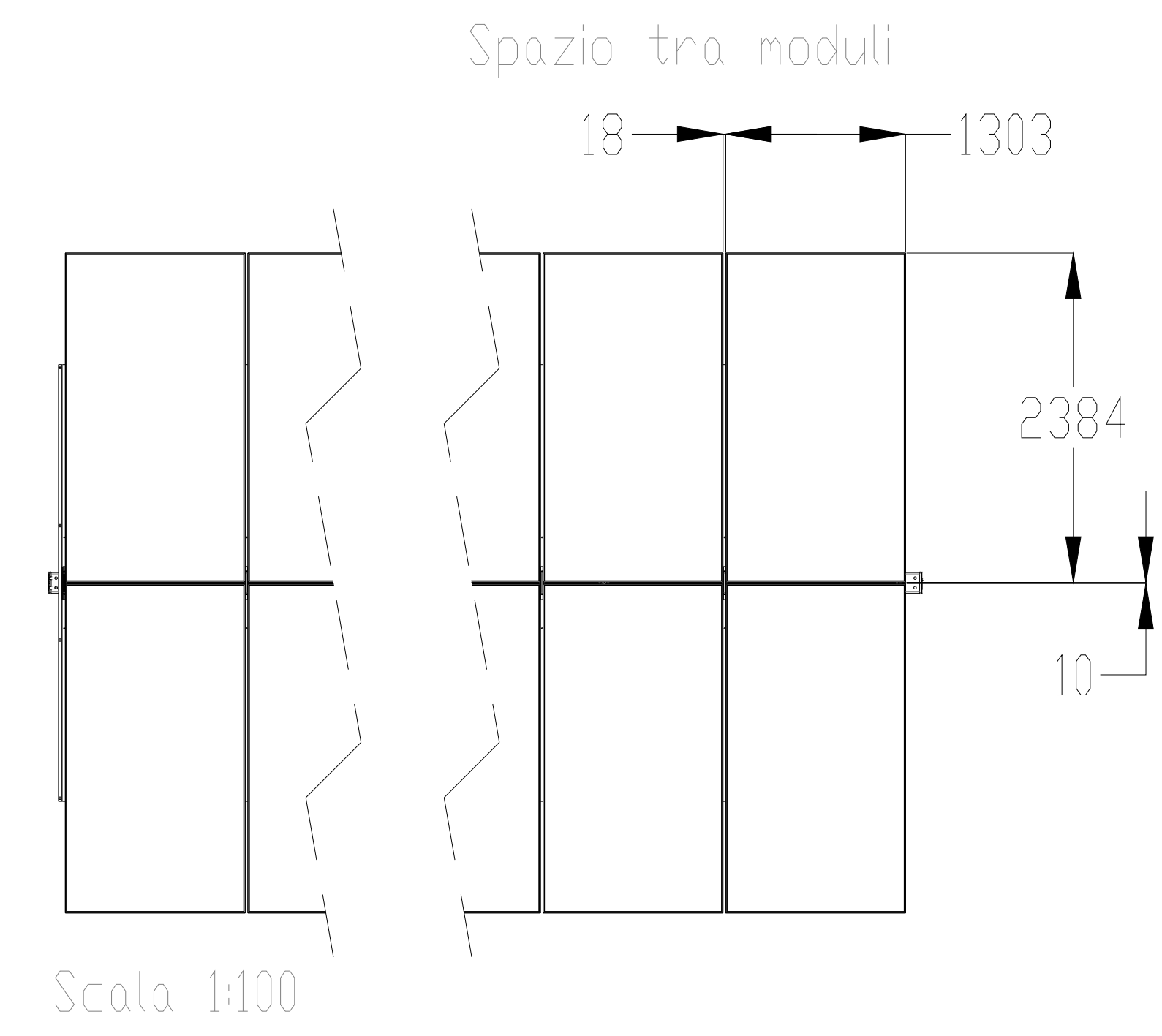
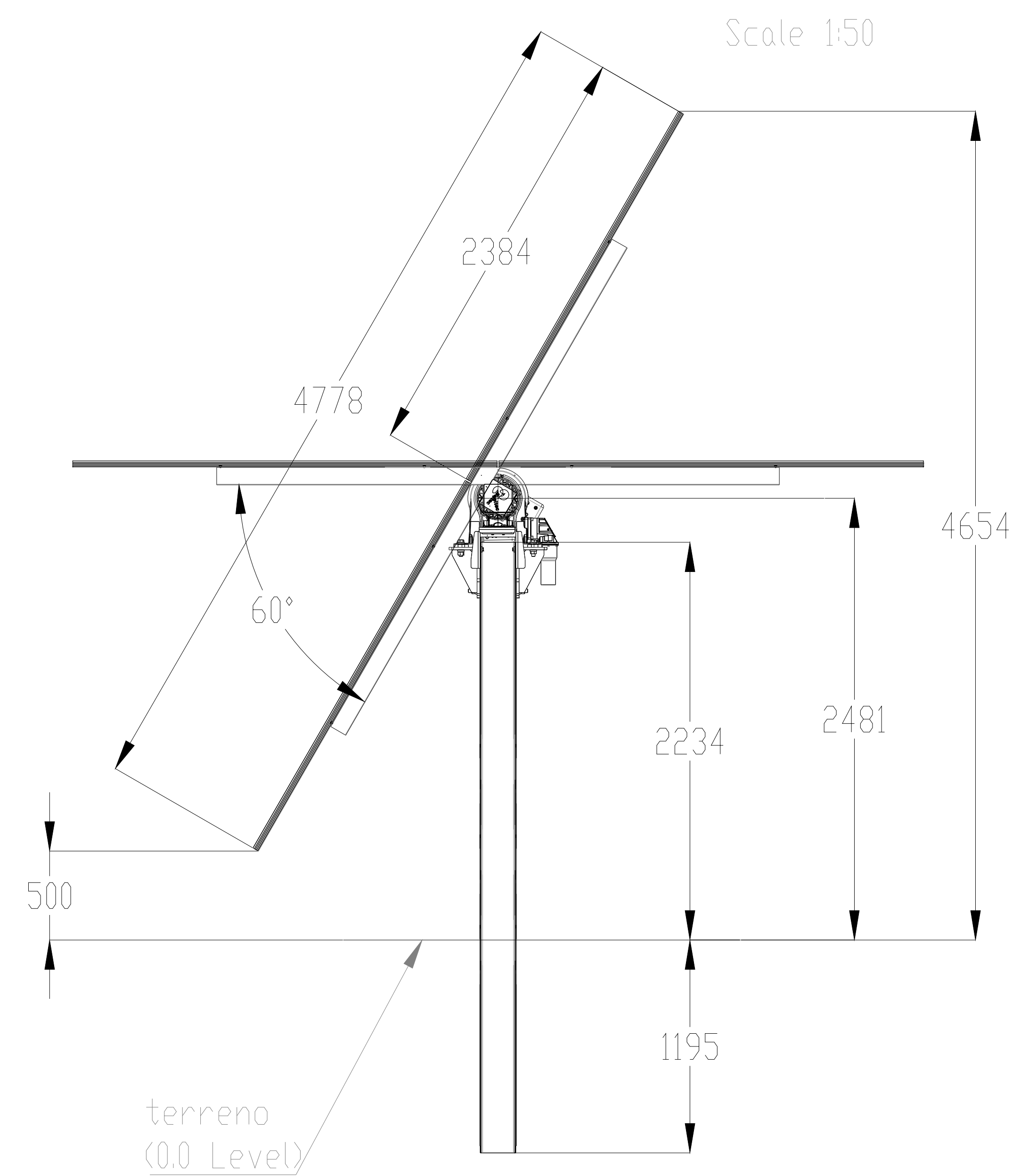
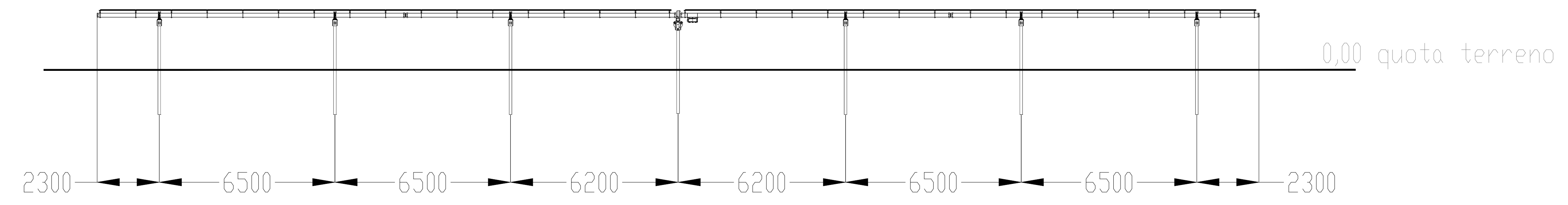


# STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE - DA 2 STRINGHE DA 32 MODULI

Vista in pianta - Scala 1:100

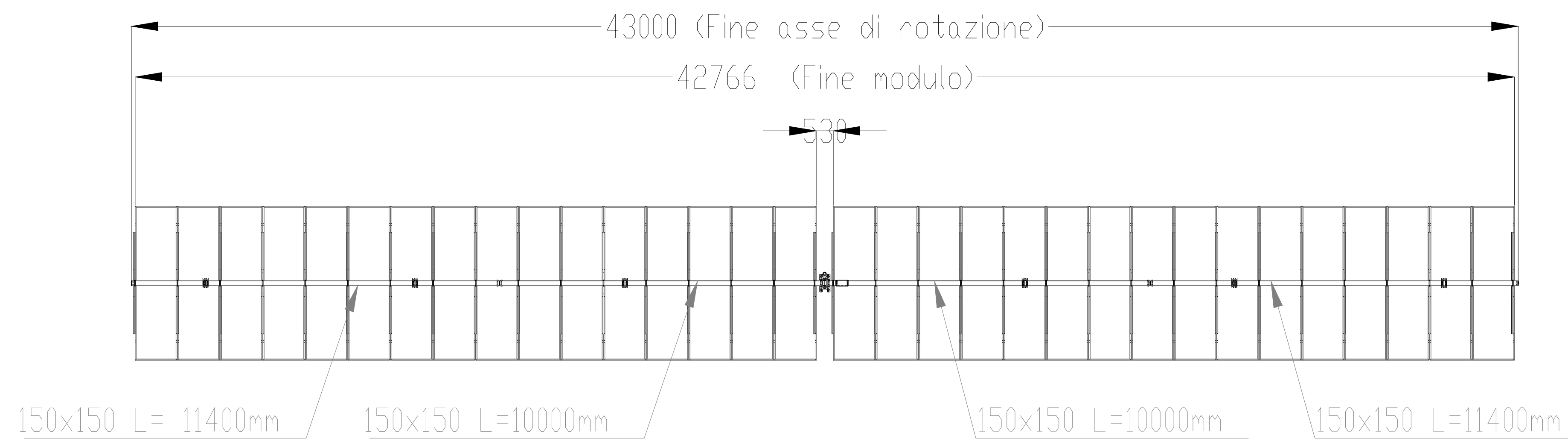


CONFIGURAZIONE 2X32



NORD

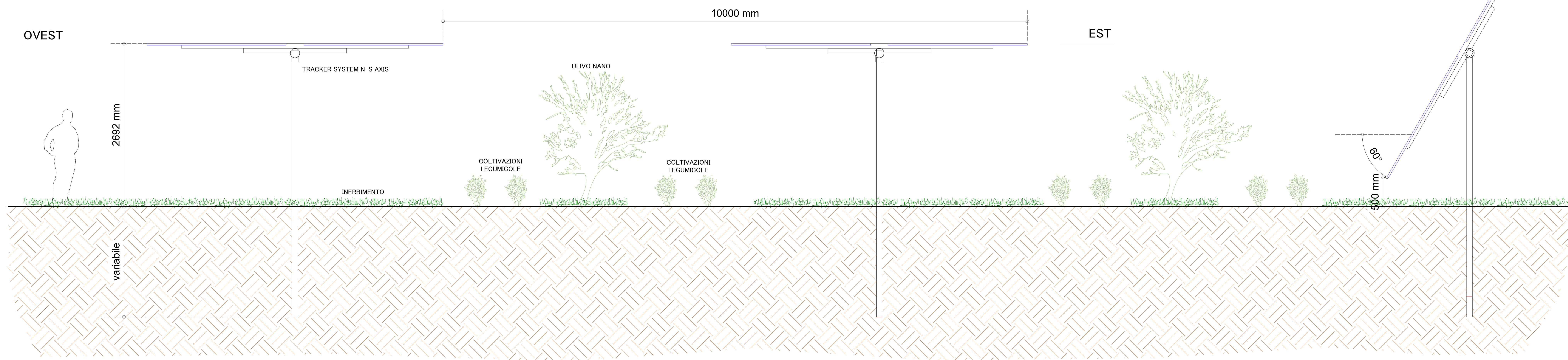
SUD



150x150 L=11400mm 150x150 L=10000mm 150x150 L=10000mm 150x150 L=11400mm

# STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE

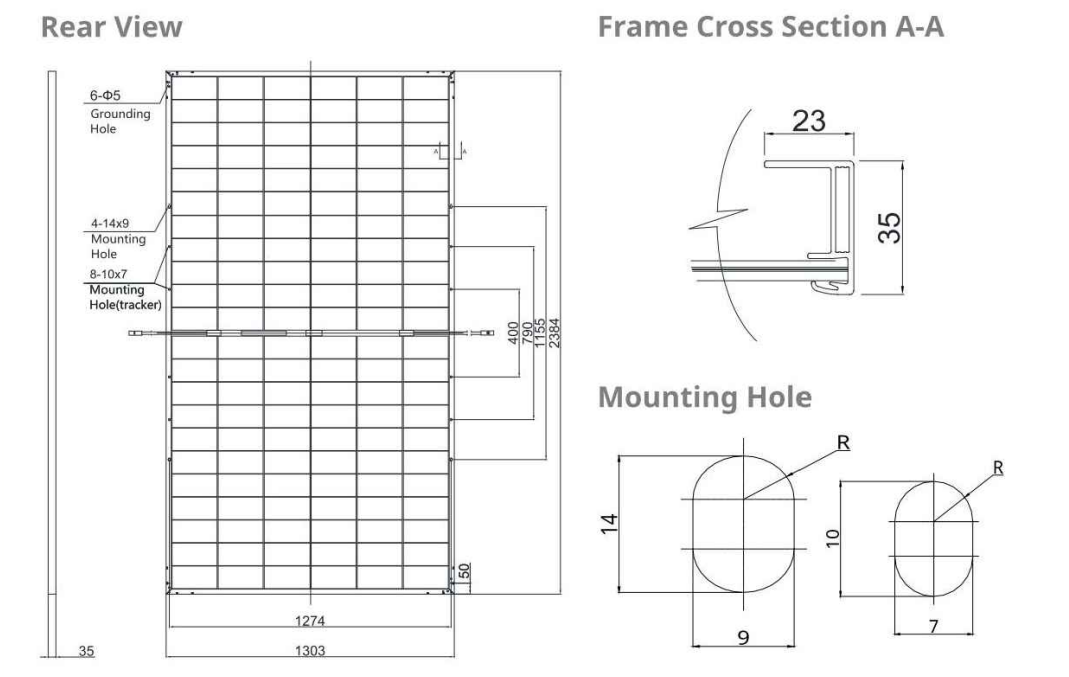
Vista in prospettiva - Scala 1:25



# MODULO FOTOVOLTAICO

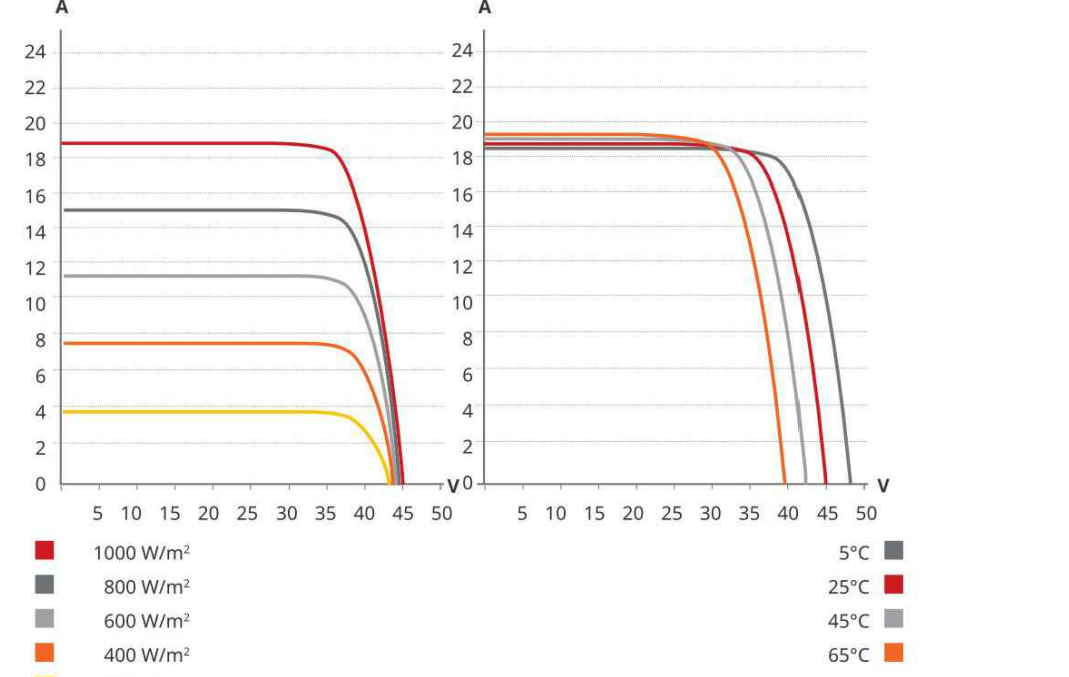
CANADIAN-SOLAR - BuHiKu7 CS7N-635MB-AG

ENGINEERING DRAWING (mm)



	Nominal Power (P <sub>max</sub> )	Opt. Max. Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</sub> )	Opt. Operating Voltage (V <sub>oc</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	20.4%	
Bifacial Gain**	5% 697 W	36.7 V	18.18 A	44.4 V	19.18 A	21.5%	
	10% 699 W	36.7 V	19.05 A	44.4 V	20.10 A	22.5%	
	20% 762 W	36.7 V	20.77 A	44.4 V	21.92 A	24.5%	

CS7N-650MB-AG / I-V CURVES



ELECTRICAL DATA | NMOT\*

	Nominal Power (P <sub>max</sub> )	Opt. Max. Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</sub> )	Opt. Operating Voltage (V <sub>oc</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	

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 %

MECHANICAL DATA

Specification	Data
Cell Type	Mono-crystalline
Cell Arrangement	132 (2 x 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 mm <sup>2</sup> (IEC)
Cable Length	460 mm (18.1 in) (+/-) 340 mm (13.4 in) (Including Connector) (L) or customized length*
Connector	T4 series or M4 LUTX or M4-EVD2
Per Pallet	30 pieces
Per Container (40' HQ)	480 pieces

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