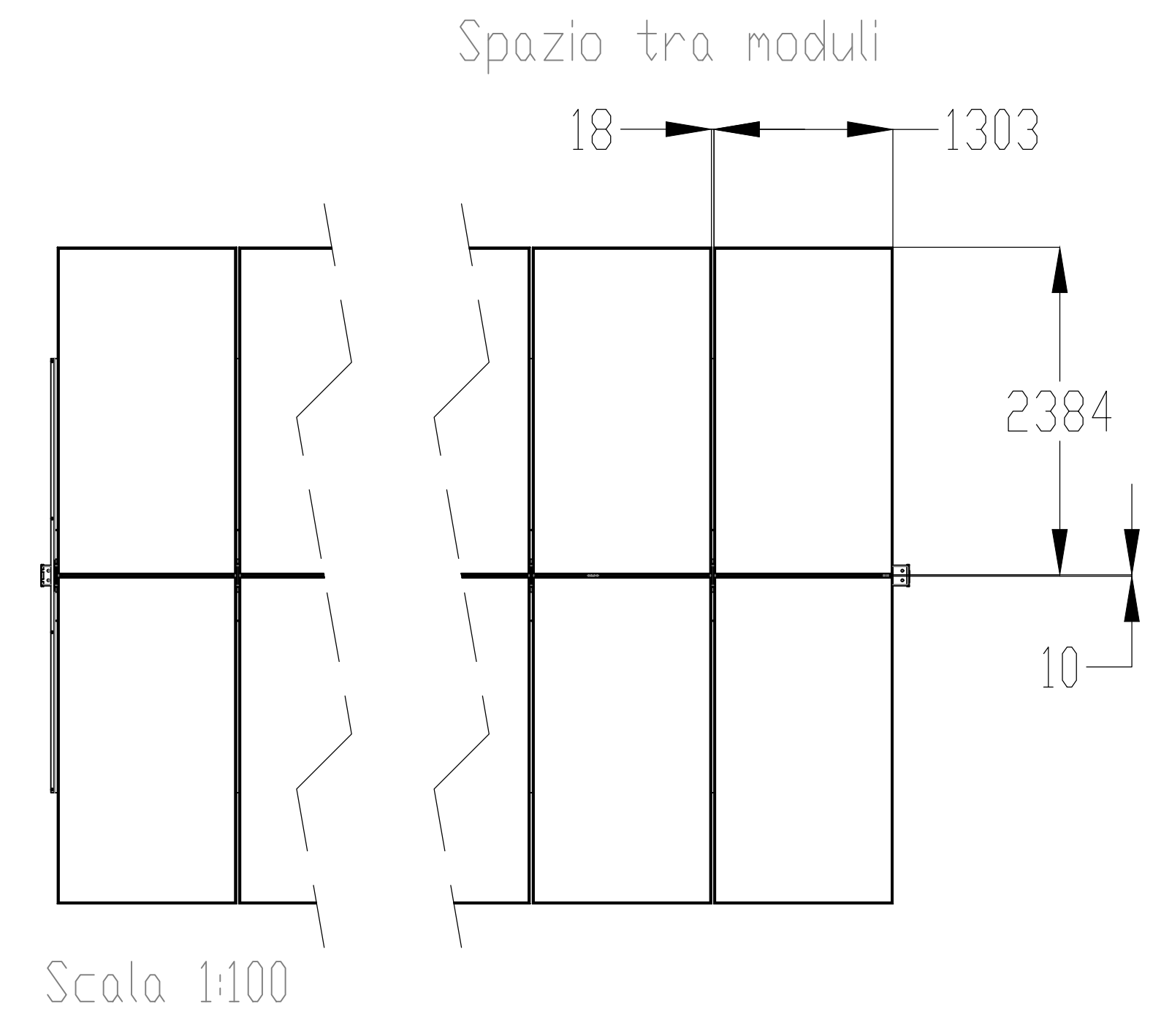
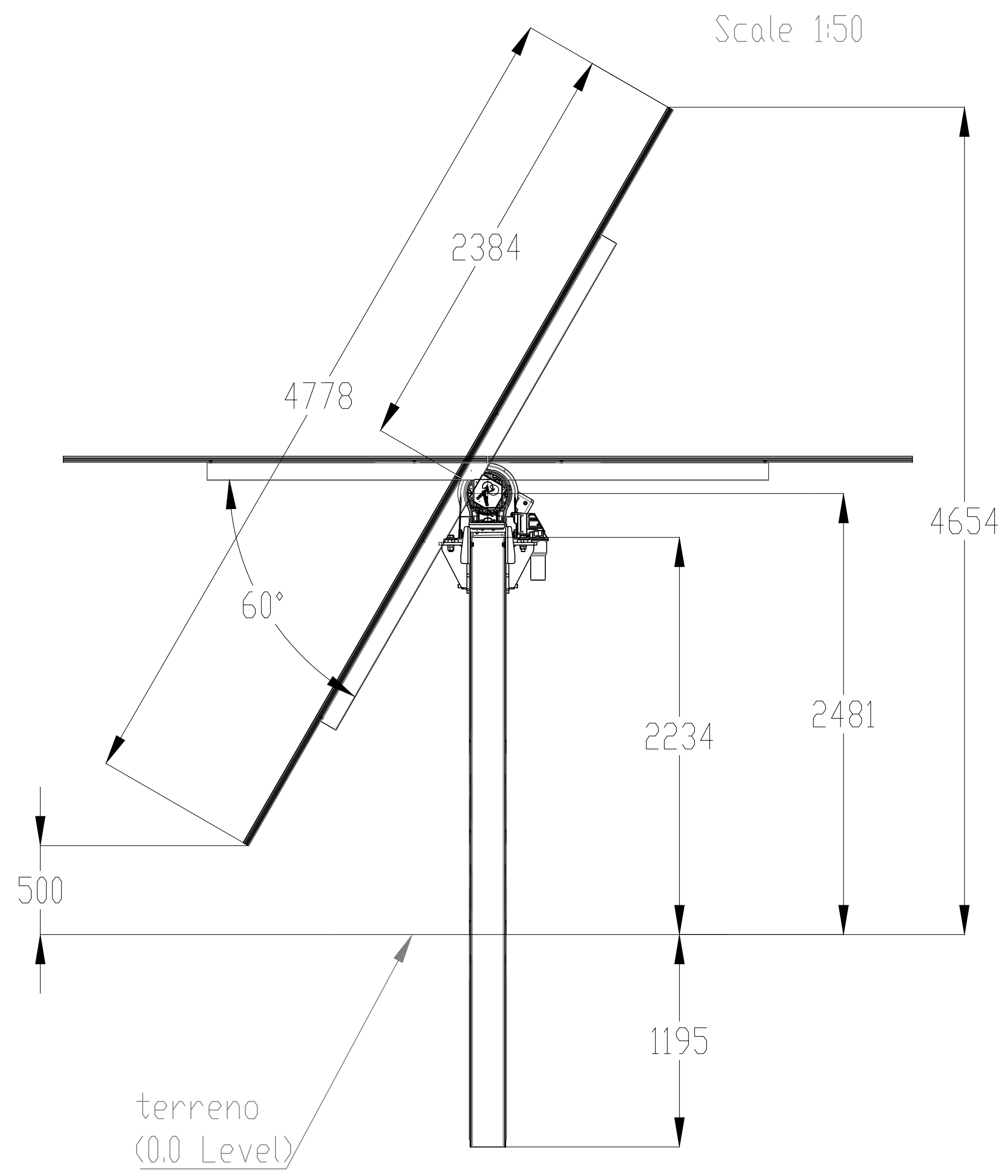
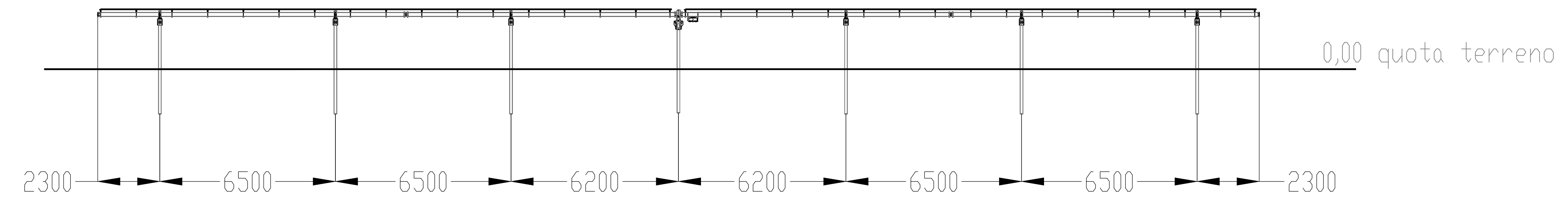


## STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE - DA 2 STRINGHE DA 32 MODULI

Vista in pianta - Scala 1:100

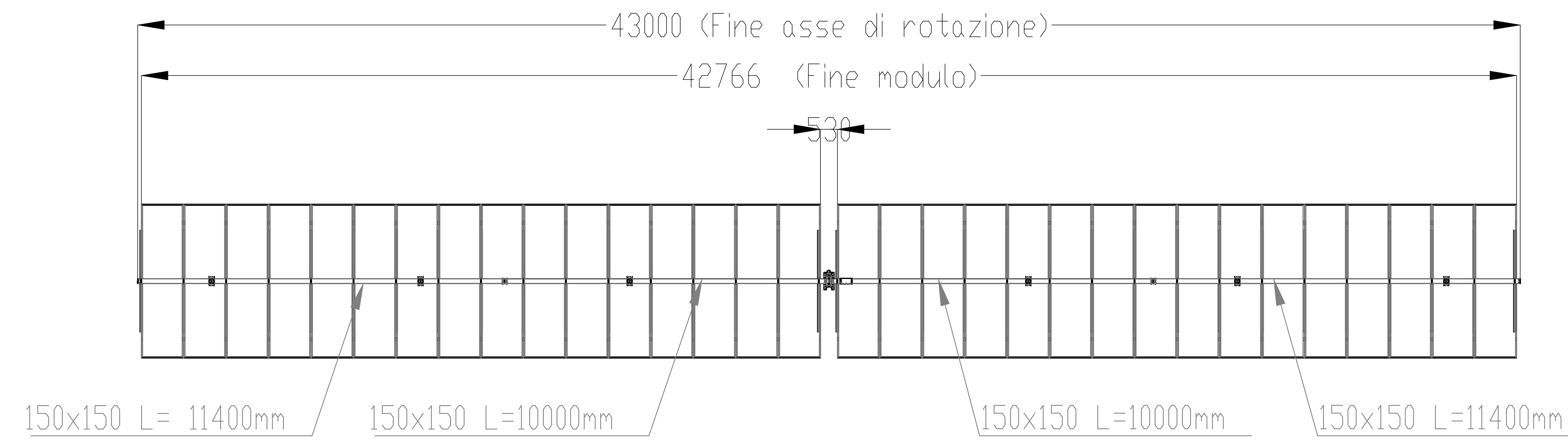


CONFIGURAZIONE 2X32



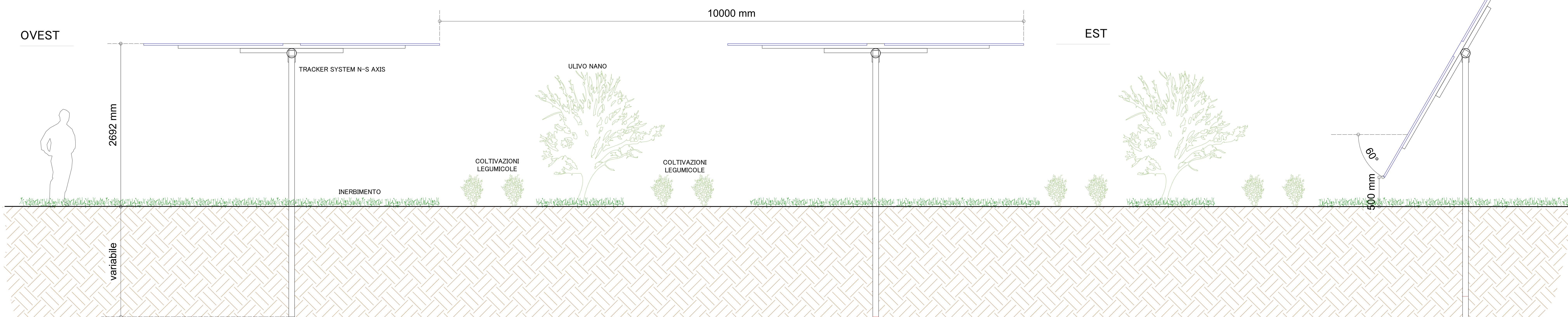
NORD

SUD



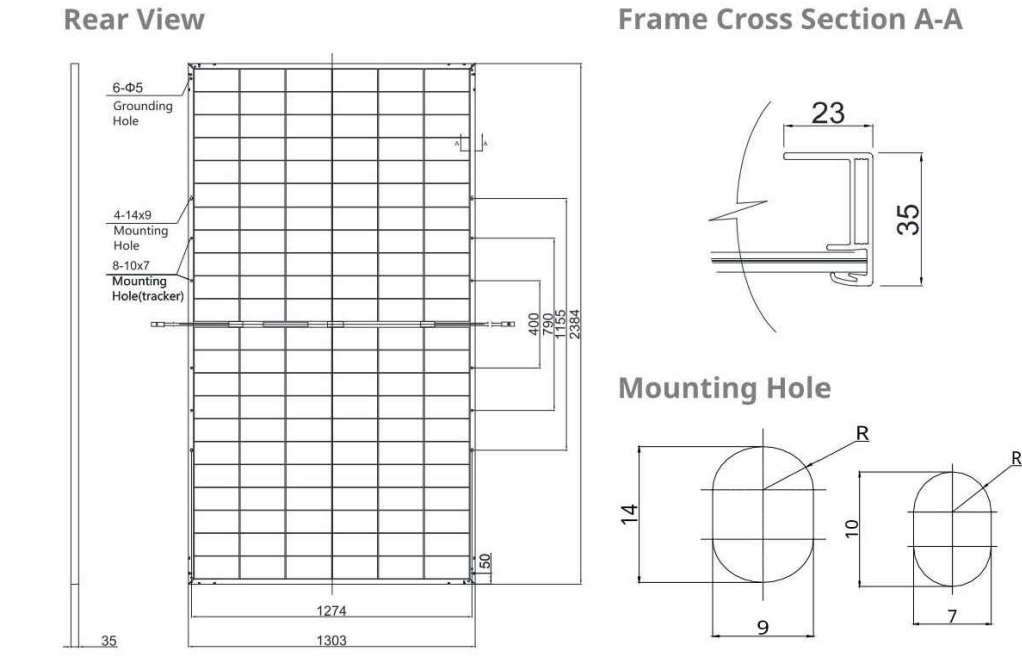
## STRUTTURE PER MODULI FTV DEL TIPO AD INSEGUITORE MONOASSIALE

Vista in prospettiva - Scala 1:25



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

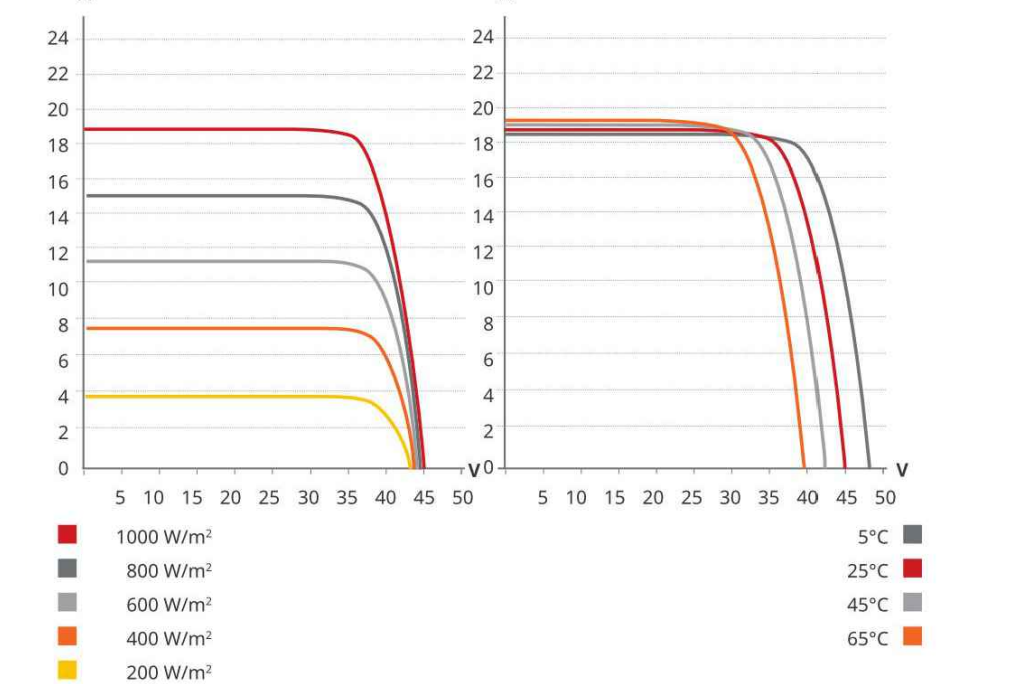
ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC\*

	Nominal Power (P <sub>max</sub> )	Opt. Operating Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</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	5% Gain**	667 W	36.7 V	18.18 A	44.4 V	21.5%
	10% Gain**	699 W	36.7 V	18.05 A	44.4 V	22.5%
	20% Gain**	762 W	36.7 V	20.77 A	44.4 V	24.5%

CS7N-635MB-AG / I-V CURVES



ELECTRICAL DATA | NMOT\*

	Nominal Power (P <sub>max</sub> )	Opt. Operating Voltage (V <sub>mp</sub> )	Opt. Operating Current (I <sub>mp</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 (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 aluminium alloy
J-Box	IP68, 3 diodes
Cable	4.0 mm² (IEC)
Cable Length	460 mm (18.1 in) (+) / 340 mm (13.4 in) (-) or customized length
Connector	T4 series or H4 UTX or MCA-EV02
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