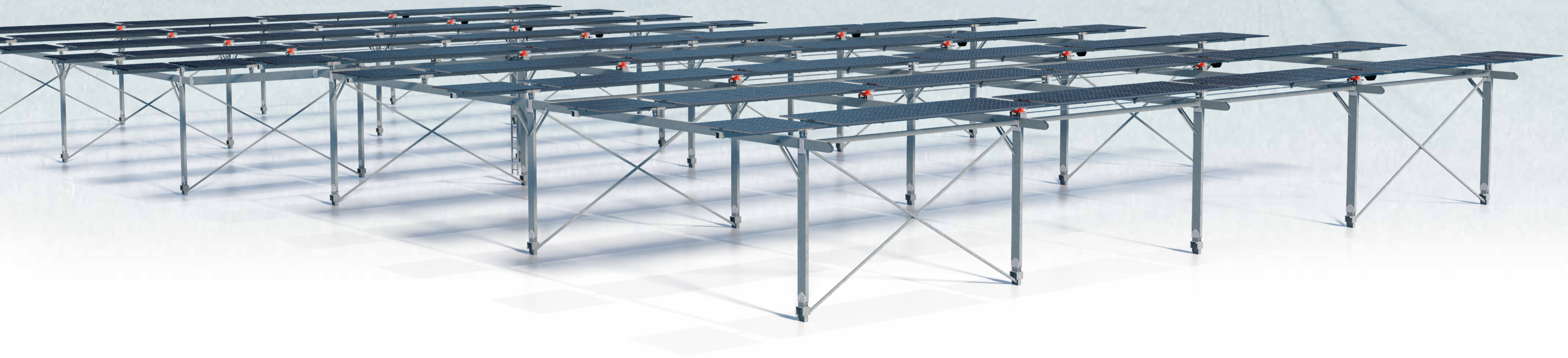


AXIAL

agritracker



**POWERING THE FUTURE
OF SOLAR TRACKING**

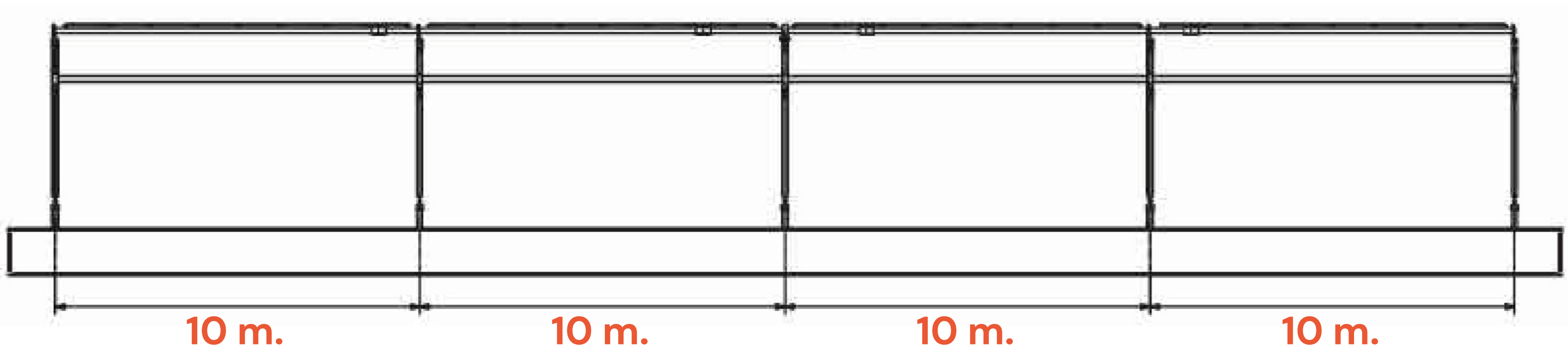
BASIC SPECS

TRACKING SYSYEM:	HORIZONTAL AXIS E-W
COMMUNICATION:	ZIGBEE / RS485
TRACKING RANGE:	±85°
DRIVE SYSTEM:	ENCLOSED SLEWING DRIVE DC MOTOR, 24 (24VDC) + TRANSMISSION SYSTEM
POWER SULPLY:	STRING-POWERED (W/BATT) / GRID POWERED
SOLAR ALGORITHM:	NREL SPA

CALCULATION CRITERIA

BEAM CLEARANCE:	UP TO 5.5 M.
N-S PILE DISTANCE:	UP TO 7.5 M.
E-W PILE DISTANCE:	FROM 6 M TO 12 M.
WIND RESISTANCE:	50 KM/H (FROM ±55° TO ±85°) & 70 KM/H (±55°) / ACCORDING TO LOCAL REGULATIONS FOR STOW POSITION
MAXIMUM ADMISSIBLE SLOPE:	5% STANDARD
TEMPERATURE RANGE:	0° +55° STRING-POWERED / -40° +50° GRID POWERED
FOUNDATION SYSTEM:	RAMMING AS STANDARD

DIMENSIONS



WARRANTY

SLEWING DRIVE:	5 YEARS
ENGINE:	5 YEARS
ELECTRONICS:	10 YEARS
BATTERY:	UP TO 10 YEARS
STRUCTURAL WARRANTY:	UP TO 25 YEARS
CORROSION WARRANTY:	UP TO 25 YEARS



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CFD Studies