



REGIONE BASILICATA  
PROVINCIA DI POTENZA  
COMUNE DI OPPIDO LUCANO



PROGETTO DI UN IMPIANTO SOLARE AGRIVOLTAICO DENOMINATO "AGRIVOLTAICO PIANI GORGO\_ PEZZA CHIARELLA" DA REALIZZARSI NEL COMUNE DI OPPIDO LUCANO (PZ) NELLE CONTRADE DI "PIANI GORGO" E DI "PEZZA CHIARELLA" E DELLE RELATIVE OPERE DI CONNESSIONE CON POTENZA PARI A 16.883,10 kWp (15.600,00 kW IN IMMISSIONE) INTEGRATO CON TECNOLOGIA STORAGE.

PROGETTO DEFINITIVO

ARCHITETTONICI PANNELLI E PARTICOLARI SISTEMI DI ANCORAGGIO



livello prog.	GOAL	tipo doc.	N° elaborato	NOME FILE	DATA	SCALA
PD				OP1314_A12.b.9	04.08.2021	VARIE

REVISIONI

REV.	DATA	DESCRIZIONE	ESEGUITO	VERIFICATO	APPROVATO



PROPONENTE:

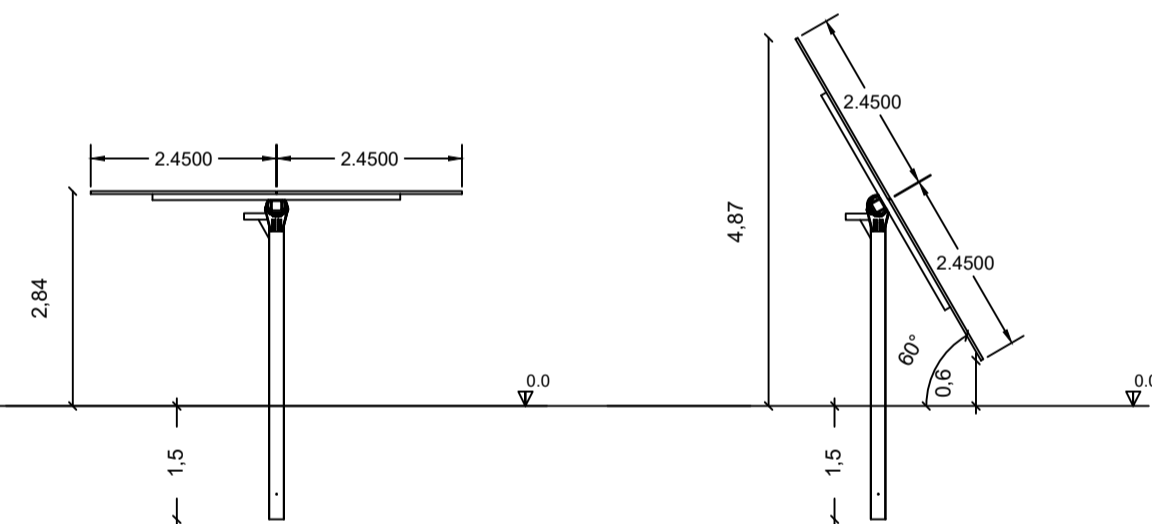
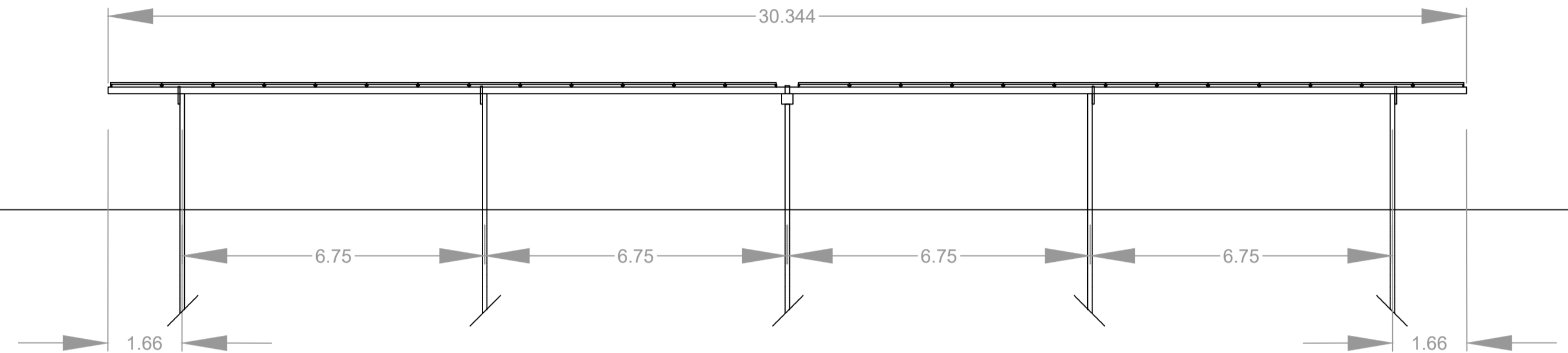
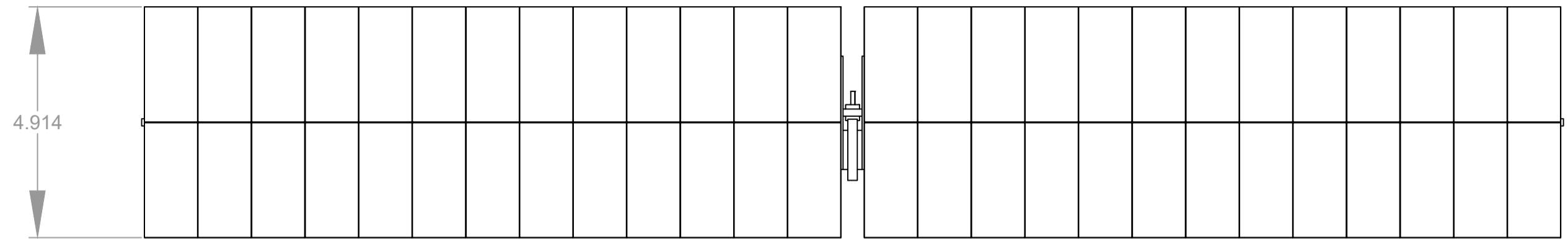
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ENTE:

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profondità di infissione  
indicativa

Material characteristics

**Steel:**  
Structural steel - At least S235 JR - thicknesses and yield strengths according to structural calculation

**Spherical bearings:**  
Bronze / Stainless steel

**Screws, nuts, washer:**  
Basic option: Hot-Galvanized steel 8.8  
Optimization option: steel 8.8 - A2k - ISO4042

**Galvanizing:**  
- **Basic Option:**  
All equipment in steel must be hot-dip galvanized, according to the UNI EN ISO 1461. After galvanizing, further processing of the elements are not permitted.

- Optimization option pre-galvanized steel:  
Foundation posts and movement steel parts galvanized according UNI EN ISO 1461. Other steel parts pre-galvanized according EN10346 (Z275) or equivalent for national standard.

- Optimization option weathering steel (Corten):  
Steel parts don't need any galvanization treatment, sacrificial thickness will be calculated for ISO9223 site classification for a design lifetime of 30 years

CENNI SULLE CARATTERISTICHE DEI MATERIALI E DETTAGLI DEI TRACKER CON VISTA DALL'ALTO, LONGITUDINALE E TRASVERSALE

Preliminary Technical Information Sheet

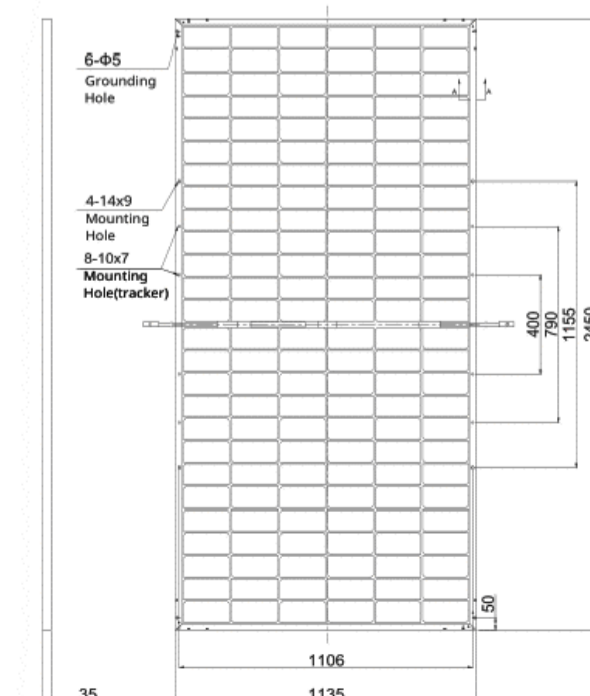
NEW

**BiHiKu6**  
565 W ~ 585 W  
BIFACIAL MONO PERC  
UP TO 30% MORE POWER FROM THE BACK SIDE  
CS6Y-565 | 570 | 575 | 580 | 585MB-AG

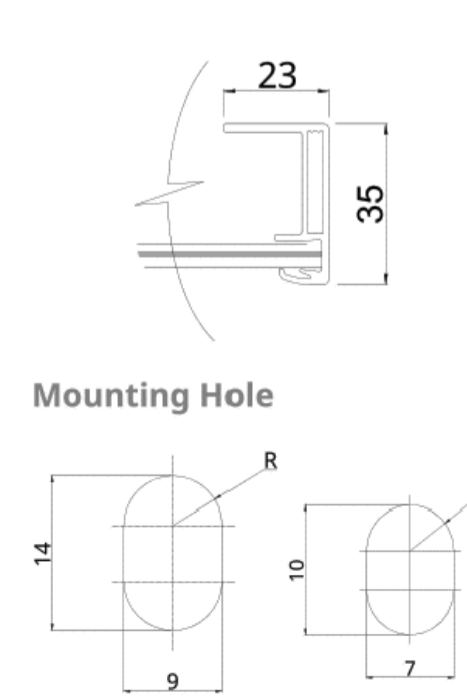
MORE POWER

ENGINEERING DRAWING (mm)

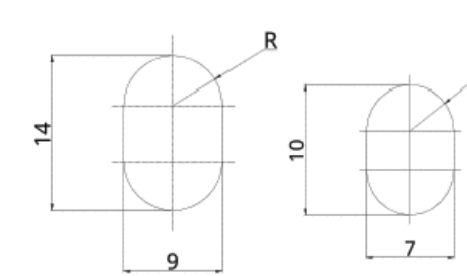
Rear View



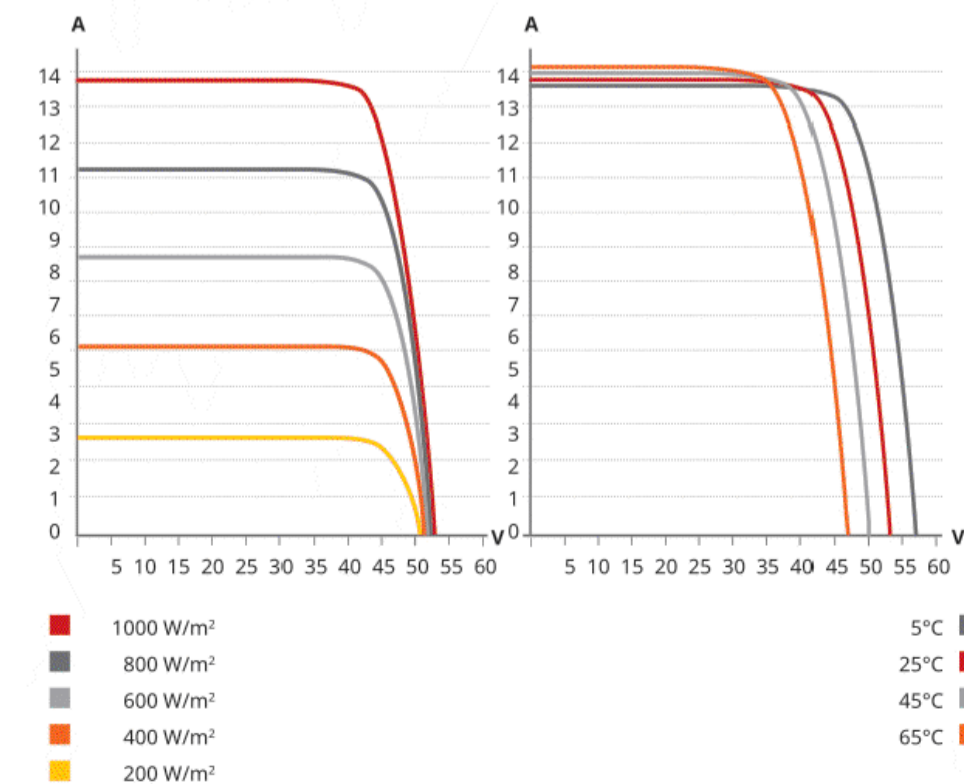
Frame Cross Section A-A



Mounting Hole



CS6Y-570MB-AG / I-V CURVES



Solar Cells	Monocrystalline
Technology	Bifacial - PERC
Cell Type	156
Module Dimensions	2450x1135x35 mm
Weight	35.1 Kg
Glass	2.0 mm
Back Glass	2.0 mm
Frame	35 mm
Peak Power Watts-Pmax (Wp)*	585
Power Output Tolerance-Pmax (W)	0 ~ +10
Maximum Power Voltage-Vmpp (V)	44.4
Maximum Power Current-Impp (A)	13.18
Open Circuit Voltage-Voc (V)	53.4
Short Circuit Current-Isc (A)	13.92
Module Efficiency ηm (%)	21

DETTAGLI COSTRUTTIVI E CARATTERISTICHE MECCANICHE ED ELETTRICHE DEL PANNELLO