



REGIONE PUGLIA
PROVINCIA DI FOGGIA
COMUNE DI FOGGIA



PROGETTO DI UN LOTTO DI IMPIANTI AGRIVOLTAICI E DELLE RELATIVE OPERE DI CONNESSIONE, CON COLTIVAZIONE DI PRATO FORAGGERO VOLTA AL SOSTENTAMENTO DI UN ALLEVAMENTO DI BUFALHE DA REALIZZARE NEL COMUNE DI FOGGIA (FG) IN CONTRADA TORRE DI LAMA AL FG. FG. N. 9 PP. N. 14, 119, 144, 145, 146, 86, 301, 302, 692 E 693, DI POTENZA DI 15.233,400 kW DENOMINATO "TORRE DI LAMA 3"

PROGETTO DEFINITIVO

PARTICOLARI STRUTTURE FISSE SUB VERTICALI



livello prog.	Cod. Pratica	Cod. Stanza	NOME FILE	DATA	SCALA
PD	T0738665	UG94WS0	D18	20/11/2022	1:100

REVISIONI					
REV.	DATA	DESCRIZIONE	ESEGUITO	VERIFICATO	APPROVATO

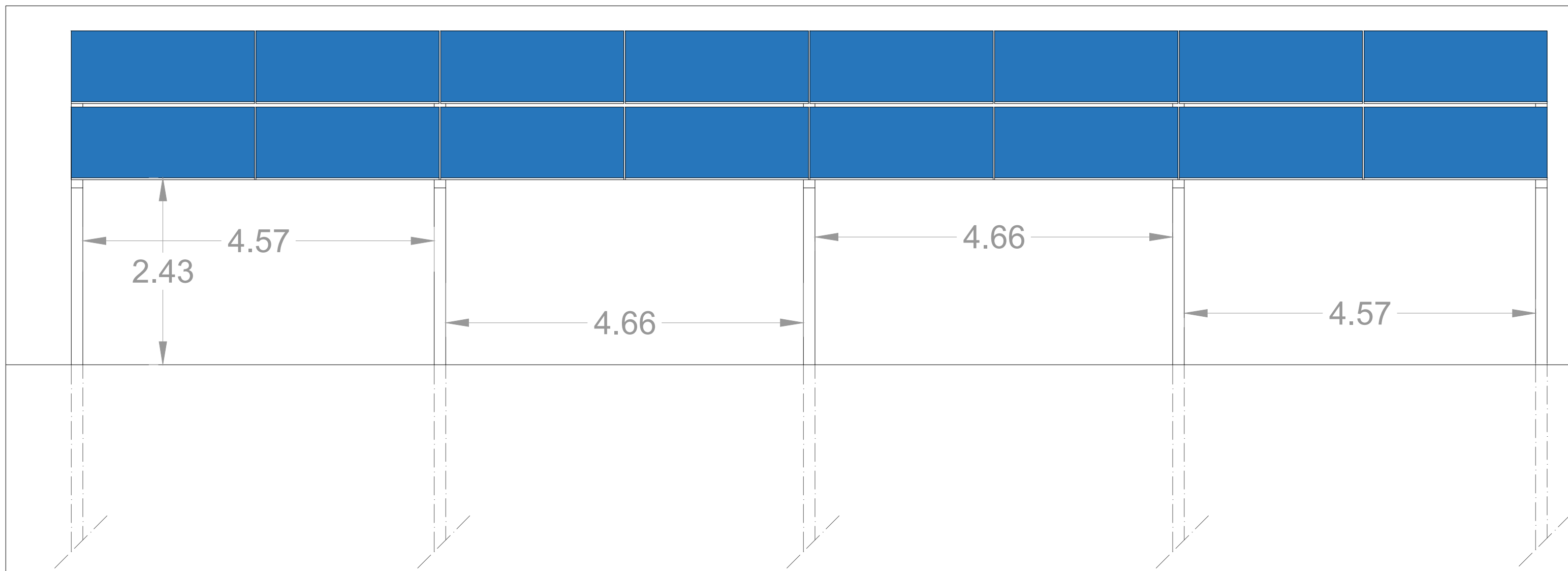
EDISON
EDF GROUP
EDISON Rinnovabili S.P.A - Foro Bonaparte n°31 - 20121 Milano (MI)

ENTE

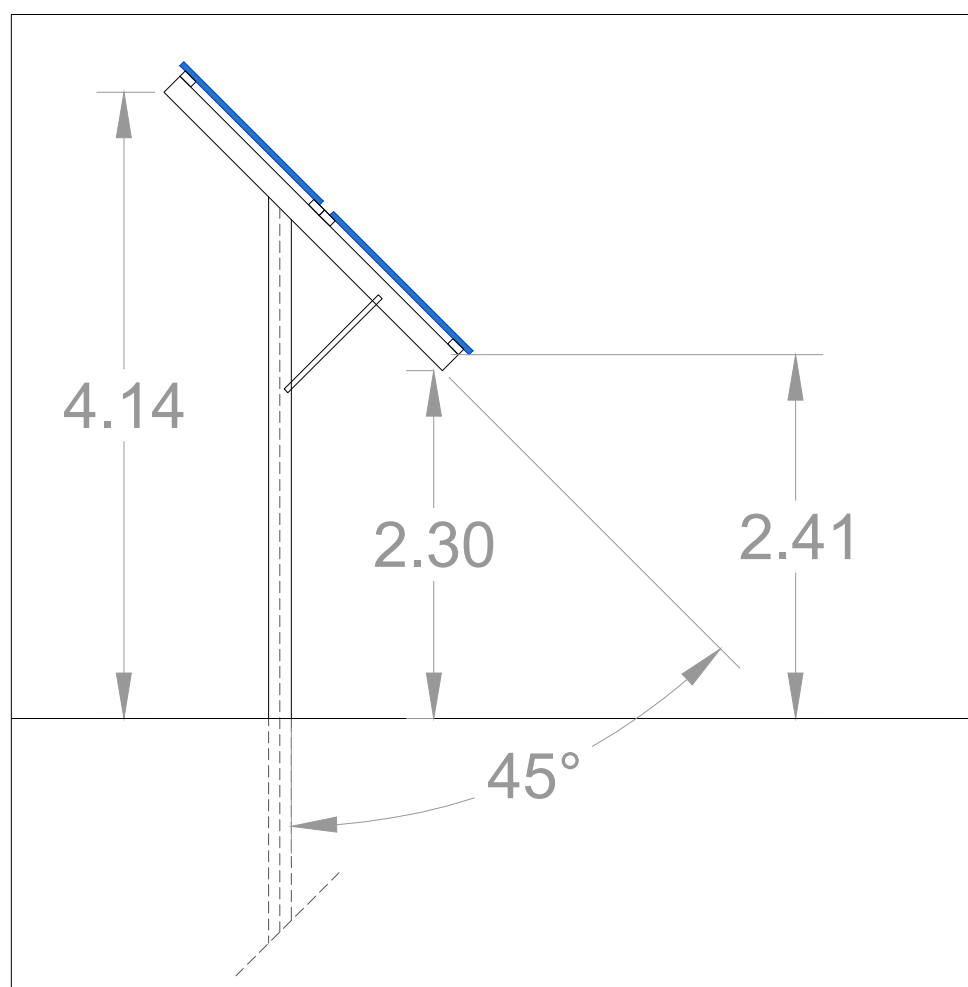
PROGETTAZIONE

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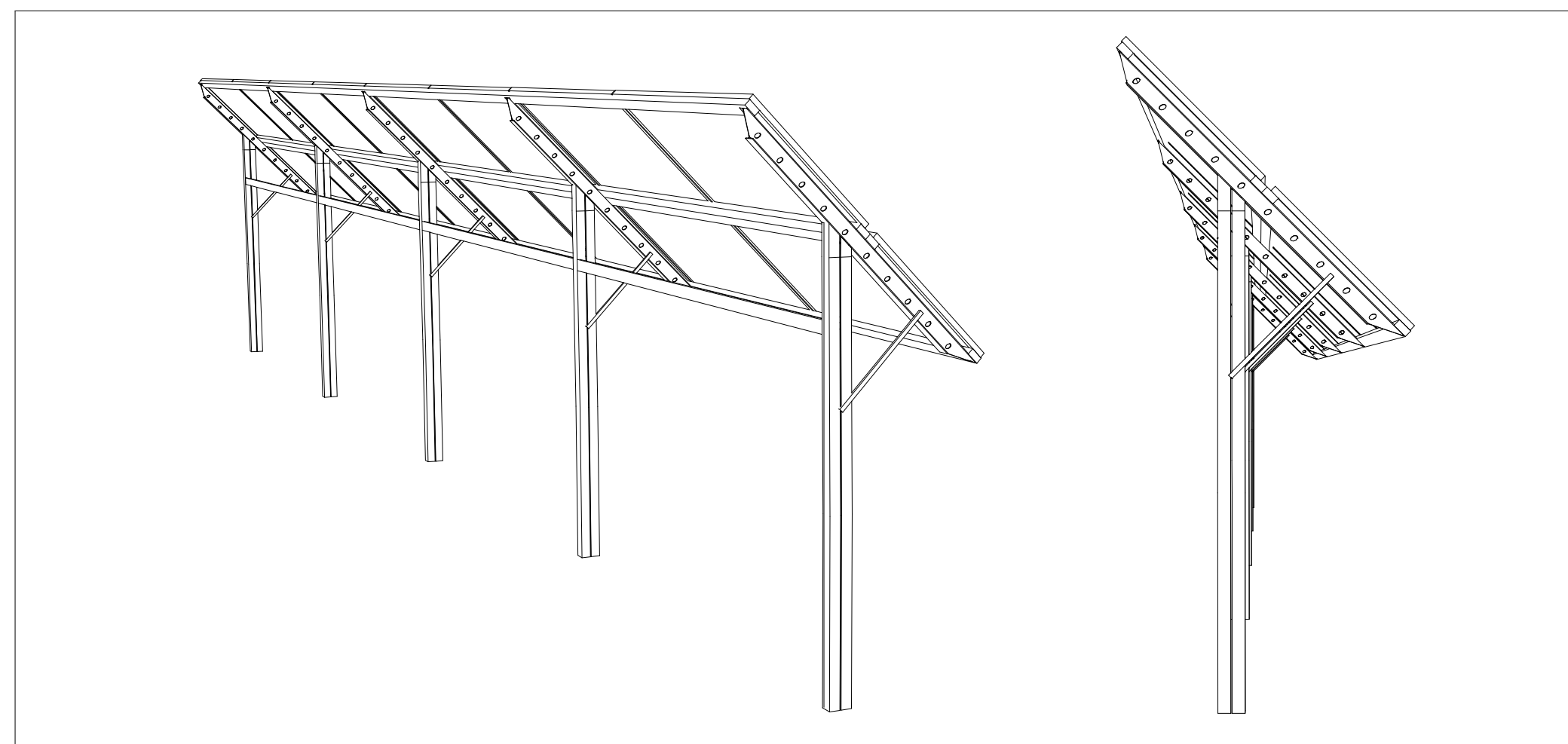
HORIZONFIRM



PROFILO LONGITUDINALE STRUTTURA SUB-VERTICALE TILT 45° - SCALA 1:50



PROFILO STRUTTURA SUB-VERTICALE TILT 45° - SCALA 1:50



VISTE TRIDIMENSIONALI STRUTTURE SUB-VERTICALI

EVO6 Pro SE6-66HBD

680-700W

Mechanical Data

Number of Cells	132 Cells (6x22)				
Dimensions of Module L*W*H	2384 x 1303 x 35mm				
Weight	38.2kg				
Front Side Glass	High transparency solar glass 2.0mm				
Back Side Glass	High transparency solar glass 2.0mm				
Frame	Black/Silver, anodized aluminium alloy				
Junction Box	IP68 Rated, 3 Diodes				
Cable	4.0mm ² , Portrait: 350mm / Landscape: 1400mm				
Wind/Snow Load	2400Pa/5400Pa*				
Connector	MC Compatible				
Bifaciality	80±5%				

* Please check the installation manual for more details

Electrical Specification (STC*)

	680	685	690	695	700
Maximum Power (Pmax/W)	680	685	690	695	700
Maximum Power Voltage (Vmp/V)	41.49	41.65	41.80	41.95	42.10
Maximum Power Current (Imp/A)	16.39	16.45	16.51	16.57	16.63
Open Circuit Voltage (Voc/V)	49.5	49.66	49.82	49.98	50.13
Short Circuit Current (Isc/A)	17.19	17.25	17.31	17.37	17.43
Module Efficiency (%)	21.9	22.1	22.2	22.4	22.5
Power Output Tolerance (W)	0→+5				

* Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

Electrical Specification (BSTC*)

	750	756	761	767	772
Maximum Power (Pmax / W)	750	756	761	767	772
Maximum Power Voltage (Vmp / V)	41.49	41.65	41.80	41.95	42.10
Maximum Power Current (Imp / A)	18.08	18.16	18.21	18.29	18.34
Open Circuit Voltage (VOC / V)	49.50	49.66	49.82	49.98	50.13
Short Circuit Current (Isc / A)	18.96	19.04	19.09	19.17	19.22

* Front side Irradiance 1000W/m², back side Irradiance 135W/m², Ambient Temperature 25°C, Air Mass 1.5

Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	35A

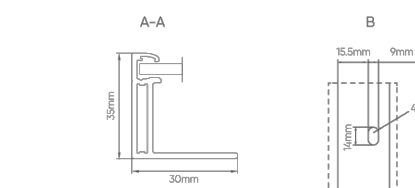
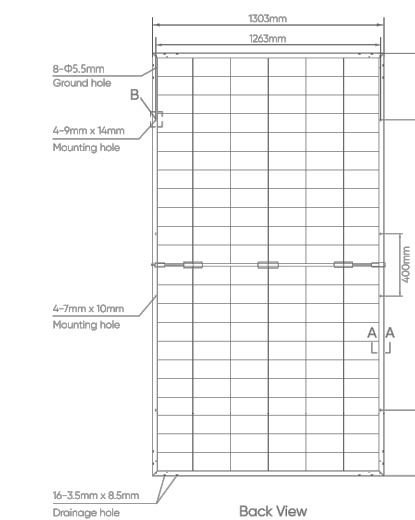
Temperature Ratings

NOCT (Nominal Operating Cell Temperature)	44±2°C
Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Pmax	-0.26%/°C

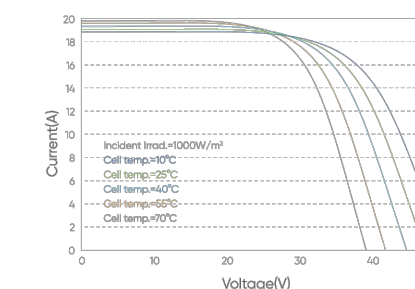
Packaging Configuration

Module per Box	31 pieces
Module per 40' Container	558 pieces

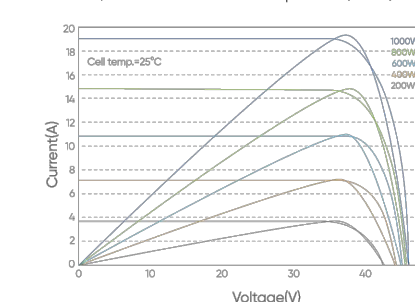
Module Dimension



I-V Curve at Different Temperature (680W)



I-V/P-V Curve at Different Temperature (680W)



DETTAGLI DEI PANNELLI UTILIZZATI PER LA STESURA DEL LAYOUT