

DISTINTA LINEE IN CC < 1,5 kV

QUADRO	DIST. (m)	n. cavi x 2	sez.
1.1	307	3	95
1.2	269	2	120
1.3	222	2	95
1.4	245	2	120
1.5	207	2	95
1.6	173	2	50
1.7	143	1	120
1.8	115	2	50
1.9 (*)	135	1	50
2.1	44	1	50
2.2	78	1	70
2.3	113	1	95
2.4	67	1	70
2.5	87	1	70
2.6	115	2	50
2.7	143	1	120
2.8	171	2	70
2.9 (*)	171	1	50

(*) 21 stringhe al posto di 32

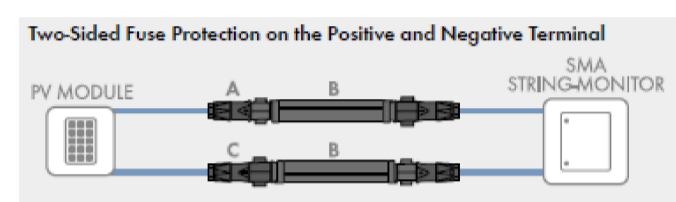
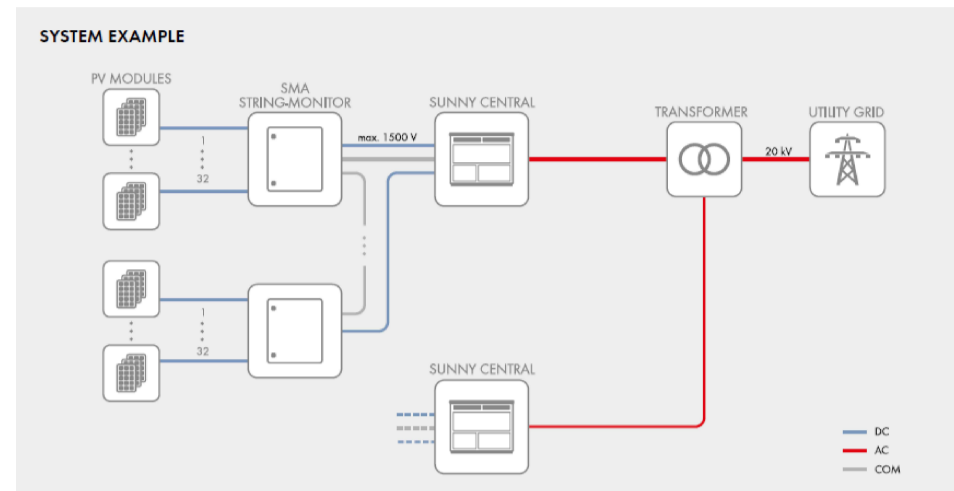


DISTINTA COMPONENTI

Componente	u.m.	Q.
Quadro campo 32 switch	n.	18
Quadro di stringa	n.	554
Cavo 6 mm2	m	18 836
Cavo 10 mm2	m	33 240
Cavo 50 mm2	m	2 312
Cavo 70 mm2	m	992
Cavo 95 mm2	m	3 784
Cavo 120 mm2	m	2 628
Pannelli FV	n.	9 420
Tracker	m	9 420

CAMPO 1 SOLAR CABLE H1Z22Z-K CEI EN 50618 IMQ

TENSIONE V			
POTENZA Q CAMPO W			
Sezione mm2	1	2	3
1x4	4,6	9,2	13,8
1x6	6,9	13,8	20,7
1x10	11,5	23,0	34,5
1x16	18,4	36,8	55,2
1x25	28,8	57,5	86,3
1x35	40,3	80,5	120,8
1x50	57,5	115,0	172,5
1x70	80,5	161,0	241,5
1x95	109,3	218,5	327,8
1x120	138,0	276,0	414,0



Technical Data	SSM-U-1610	SSM-U-2410	SSM-U-3210
Input (DC)			
Rated voltage	1,000 V	1,000 V	1,000 V
Altitude derating (rated voltage)	2,001 m to 3,000 m MSL = reduction by 1,0% per 100 m 3,001 m to 4,000 m MSL = reduction by 1,2% per 100 m		
Number of string inputs	16	24	32
Rated current per measuring input	17,5 A	17,5 A	17,5 A
String connection	SUN-CLIX	SUN-CLIX	SUN-CLIX
Output (DC)			
Rated current	315 A	315 A	315 A

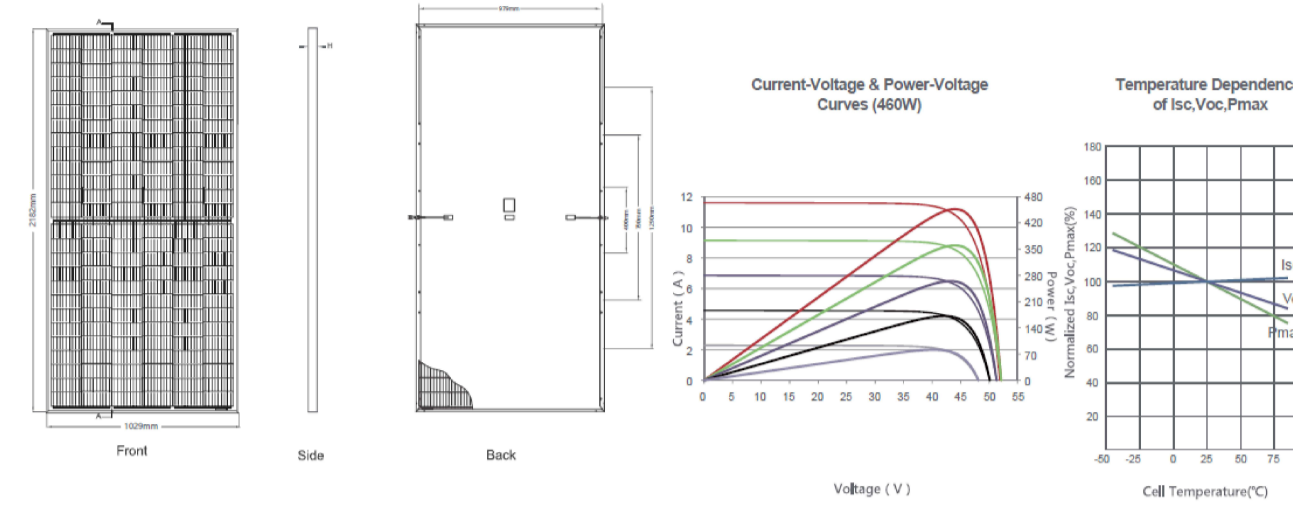
www.jinkosolar.com



Tiger Mono-facial
450-470 Watt

Thin Ribbon (TR) technology
Positive power tolerance of 0+3%

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	156 (2x78)
Dimensions	2182x1029x40mm (85.91x40.51x1.57 inch)
Weight	26.1 kg (57.54 lbs)
Front Glass	3.2mm Anti-Reflection Coating
Frame	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1x4.0mm² (+/- 290mm, +/- 145mm or Customized Length)

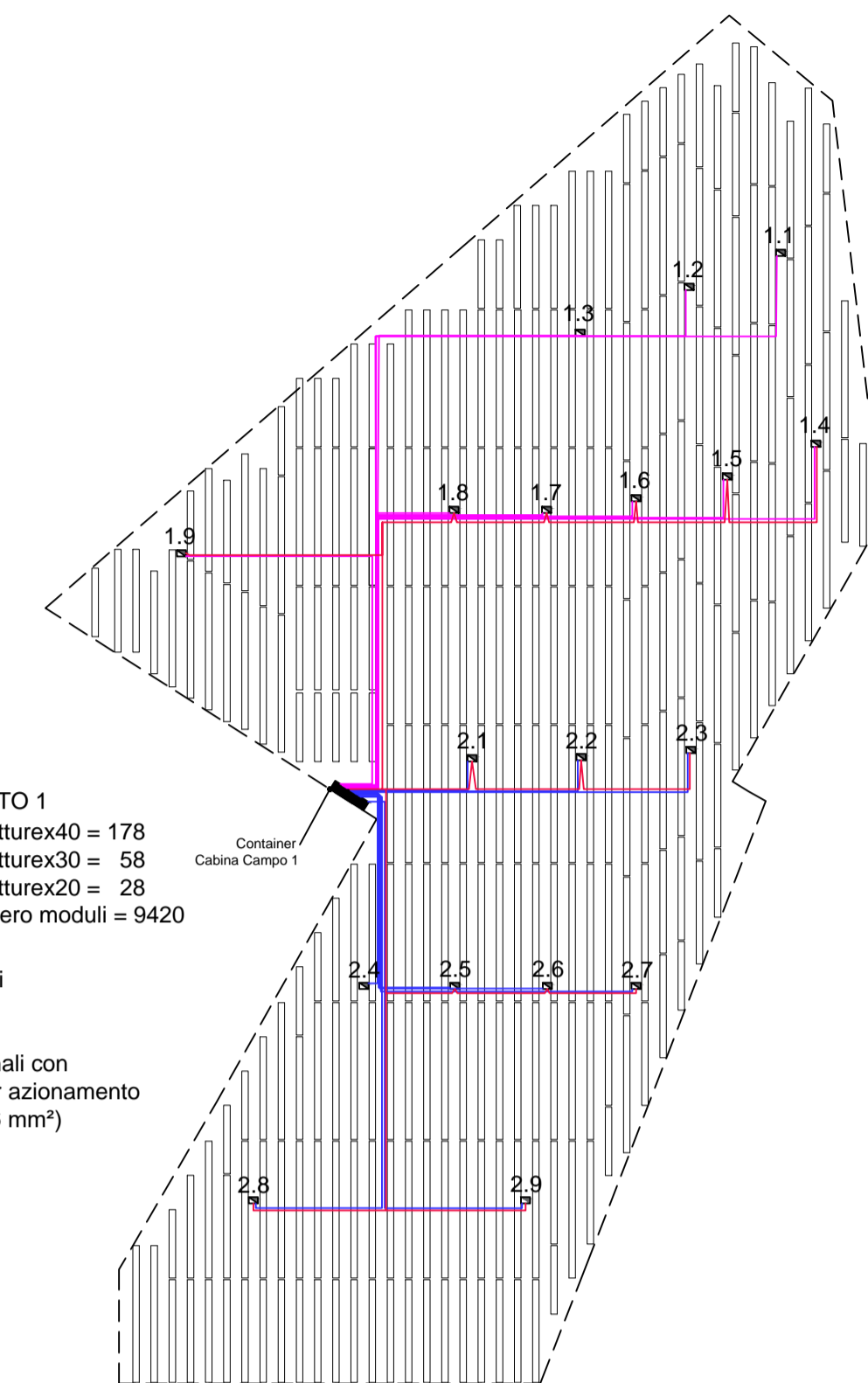
Packaging Configuration

(Two pallets = One stack)
27pcs/pallets, 54pcs/stack, 540pcs/40HQ Container

SPECIFICATIONS

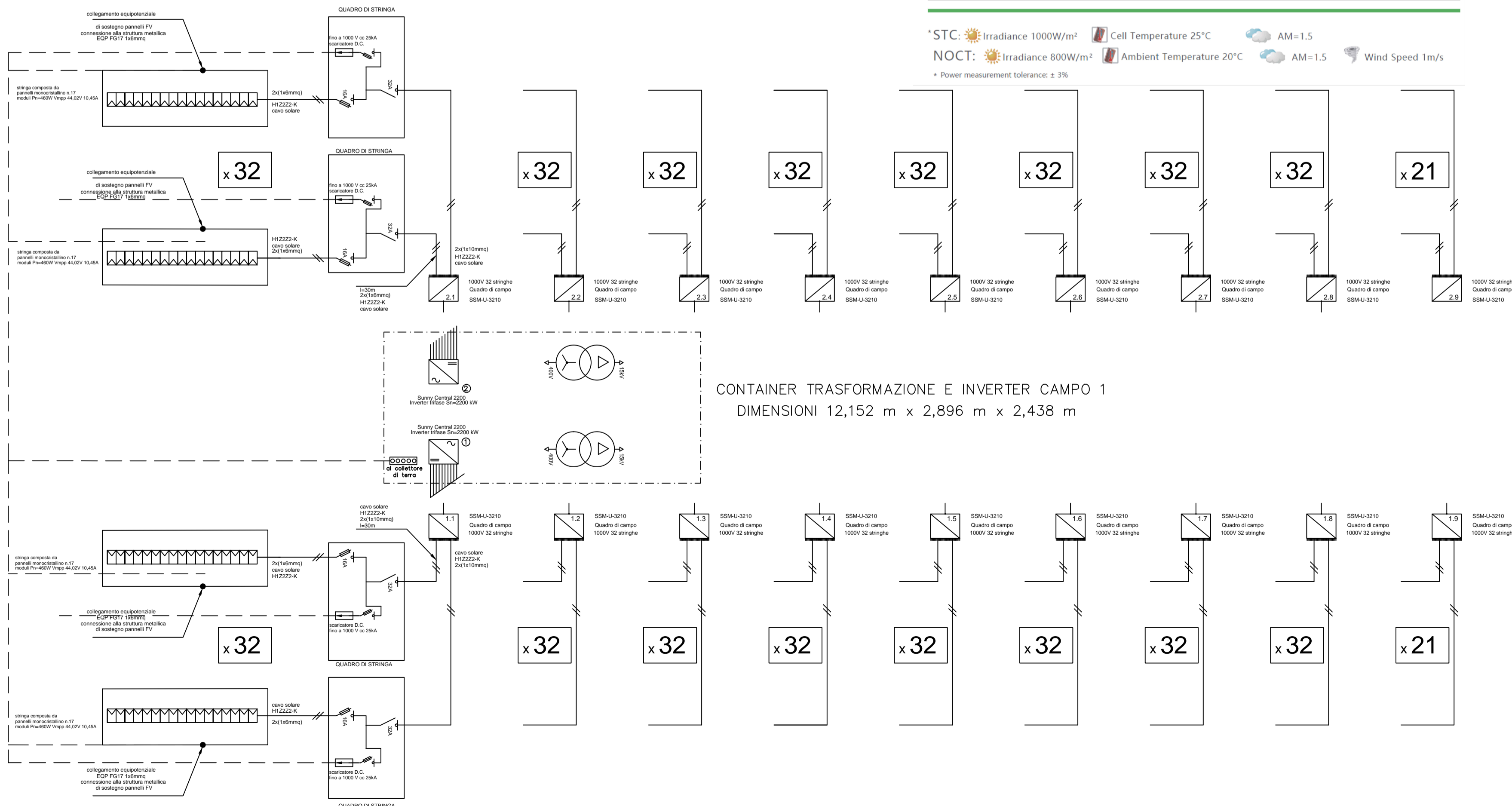
Module Type	J0M450M-7RL3	J0M450M-7RL3	J0M450M-7RL3	J0M450M-7RL3	J0M450M-7RL3	J0M450M-7RL3	J0M450M-7RL3
	STC	NOCT	STC	NOCT	STC	NOCT	STC
Maximum Power (Pmax)	450Wp	335Wp	450Wp	335Wp	450Wp	342Wp	450Wp
Maximum Power Voltage (Vmp)	42.80V	39.20V	42.97V	39.32V	43.00V	39.43V	43.18V
Maximum Power Current (Imp)	10.50A	8.54A	10.58A	8.61A	10.68A	8.68A	10.77A
Open-circuit Voltage (Voc)	51.50V	48.61V	51.60V	48.70V	51.70V	48.80V	52.14V
Short-circuit Current (Isc)	11.32A	9.14A	11.41A	9.22A	11.50A	9.29A	11.59A
Module Efficiency STC (%)	20.64%		20.26%		20.49%		20.93%
Operating Temperature(°C)					-40°C~+85°C		
Maximum system voltage					1000V (500VDC (IEC))		
Maximum series fuse rating					20A		
Power tolerance					0~+3%		
Temperature coefficients of Pmax					-0.35%/°C		
Temperature coefficients of Voc					-0.29%/°C		
Temperature coefficients of Isc					0.048%/°C		
Nominal operating cell temperature (NOCT)					45±2°C		

* STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5
NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s
* Power measurement tolerance: ± 3%



1 LOTTO 1
Strutturax40 = 178
Strutturax30 = 58
Strutturax20 = 28
numero moduli = 9420

con rif. alla tabella cavi
da inverter 1
da inverter 2
linea bus segnali con
tracker (3 x 16 mm²)



CONTAINER TRASFORMAZIONE E INVERTER CAMPO 1
DIMENSIONI 12,152 m x 2,896 m x 2,438 m

COMUNE DI ALESSANDRIA



Città di Alessandria

PROVINCIA DI ALESSANDRIA



PROGETTO DI REALIZZAZIONE NUOVO IMPIANTO FOTOVOLTAICO DA 15,24 MWp

Istanza di valutazione di impatto ambientale per la costruzione e l'esercizio di impianti di produzione di energia elettrica alimentati da fonti rinnovabili ai sensi dell'art. 23 D.lgs. n.152/2006

IMMOBILE	Località C. Maddalena - Comune di Alessandria Foglio 122 Mappali 10, 13, 24, 56	
PROGETTO VALUTAZIONE DI IMPATTO AMBIENTALE	OGGETTO TAV 07 - Schema Campo 1	SCALA 1:2000
REVISIONE - DATA	VERIFICATO	APPROVATO
REV.00 - 15/10/2021		
IL RICHIEDENTE	ELLOMAY SOLAR ITALY THREE S.R.L. 39100 Bolzano - Via Sebastian Altmann 9	
IL PROGETTISTA	Ing. Riccardo Valz Gris	
TEAM DI PROGETTO	Arch. Manuela Laddaga Arch. Rosalba Teodoro	
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