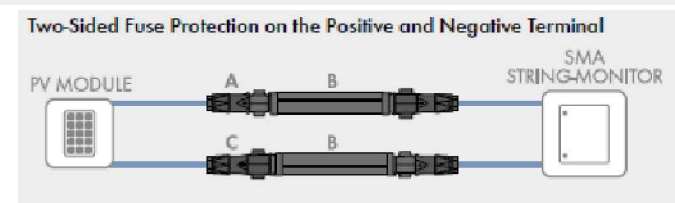
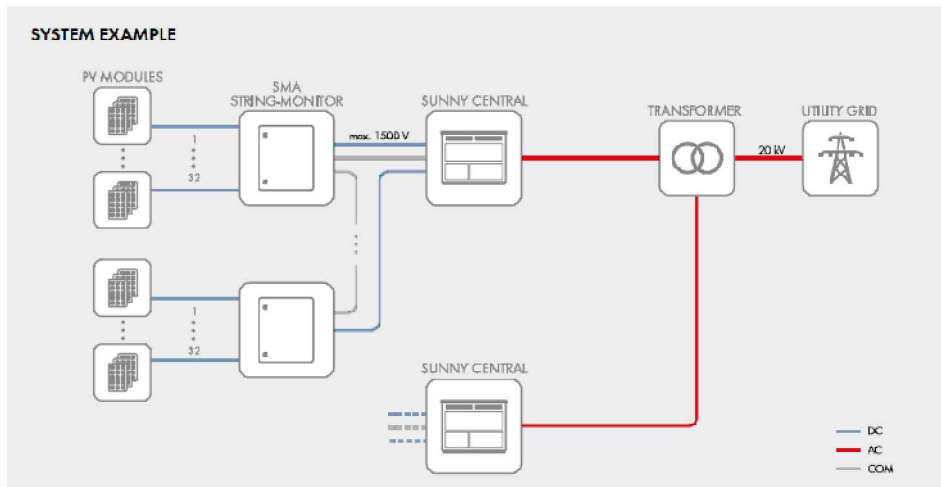


	n. tracker	Pannelli	lunghezza cavi BT	lunghezza cavi MT
Sottocampo 1	91	2184	2679,0661	
Sottocampo 2	91	2184	2563,855	
Sottocampo 3	91	2184	2562,459	
Sottocampo 4	91	2184	2684,13	
<b>Totale</b>	<b>364</b>	<b>8736</b>	<b>10489,5101</b>	<b>576,3943</b>

DENOMINAZIONE TRATTO	N.	LUNGH.(m)
1	62	5,50
2		57,73
3		54,69
4		8,11
5		5,63
6		4,23
7		5,21

	LUNGHEZZA CAVO (m)
SMT1 - SMT2	12,5869
SMT2 - CCS1	21,9443
SMT4 - SMT3	147,4525
SMT3 - CCS1	23,8679
CCS1 - CCS0	370,5427

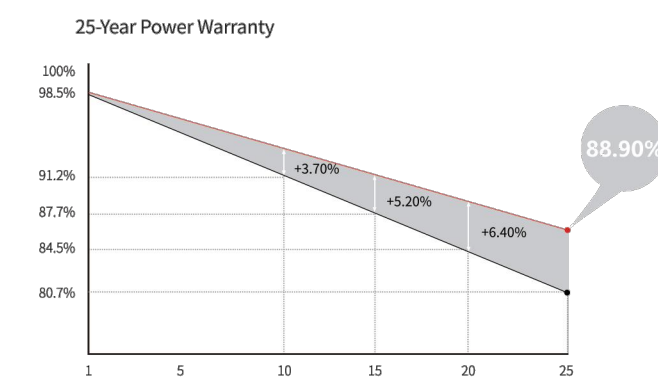
Technical Data	SSM-U-1610	SSM-U-2410	SSM-U-3210
Input (DC)	1,000 V	1,000 V	1,000 V
Rated voltage	2,001 m to 3,000 m MSL = reduction by 1.0% per 100 m	2,001 m to 3,000 m MSL = reduction by 1.0% per 100 m	2,001 m to 3,000 m MSL = reduction by 1.0% per 100 m
Altitude derating (rated voltage)	3,001 m to 4,000 m MSL = reduction by 1.2% per 100 m	3,001 m to 4,000 m MSL = reduction by 1.2% 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	SUNCLIX	SUNCLIX	SUNCLIX
Output (DC)			
Rated current	315 A	315 A	315 A



## Hi-MO 6 LR5-72HTH 580~600M

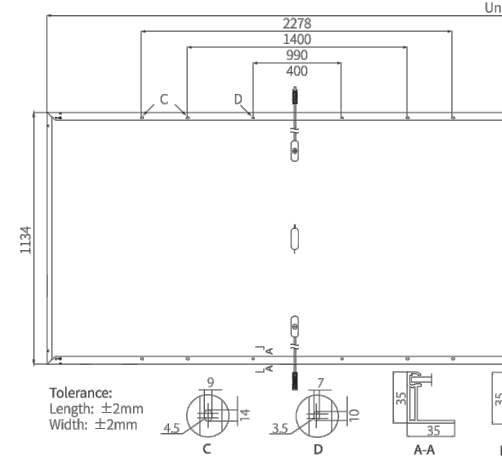
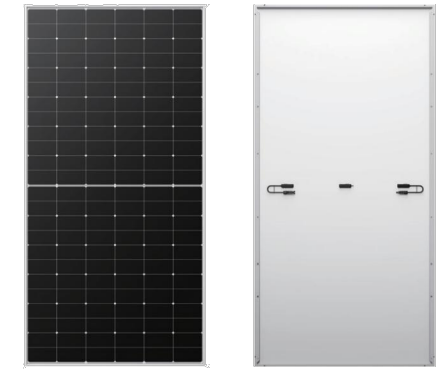
<b>23.2%</b> MAX MODULE EFFICIENCY	<b>0~3%</b> POWER TOLERANCE	<b>&lt;1.5%</b> FIRST YEAR POWER DEGRADATION	<b>0.40%</b> YEAR 2-25 POWER DEGRADATION
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### Additional Value



### Mechanical Parameters

Cell Orientation	144 (6x24)
Junction Box	IP68, three diodes
Output Cable	4mm² +400, -200mm±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	27.5kg
Dimension	2278x1134x35mm
Packaging	31pcs per pallet / 155pcs per 20' GP / 620pcs per 40' HC



### Electrical Characteristics

Module Type	STC: AM1.5 1000W/m² 25°C		NOCT: AM1.5 800W/m² 20°C 1m/s		Test uncertainty for Pmax ±3%	
	LR5-72HTH-580M	LR5-72HTH-580M	LR5-72HTH-590M	LR5-72HTH-590M	LR5-72HTH-600M	LR5-72HTH-600M
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	580	433	585	437	590	441
Open Circuit Voltage (Voc/V)	52.21	49.02	52.36	49.16	52.66	49.44
Short Circuit Current (Isc/A)	14.20	11.47	14.27	11.52	14.33	11.57
Voltage at Maximum Power (Vmp/V)	44.06	40.20	44.21	40.34	44.36	40.48
Current at Maximum Power (Imp/A)	13.17	10.78	13.24	10.84	13.31	10.97
Module Efficiency(%)	22.5		22.6		22.8	

### Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type I or 2 IEC Class C

### Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

### Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.059%/°C
Temperature Coefficient of Voc	-0.239%/°C
Temperature Coefficient of Pmax	-0.299%/°C

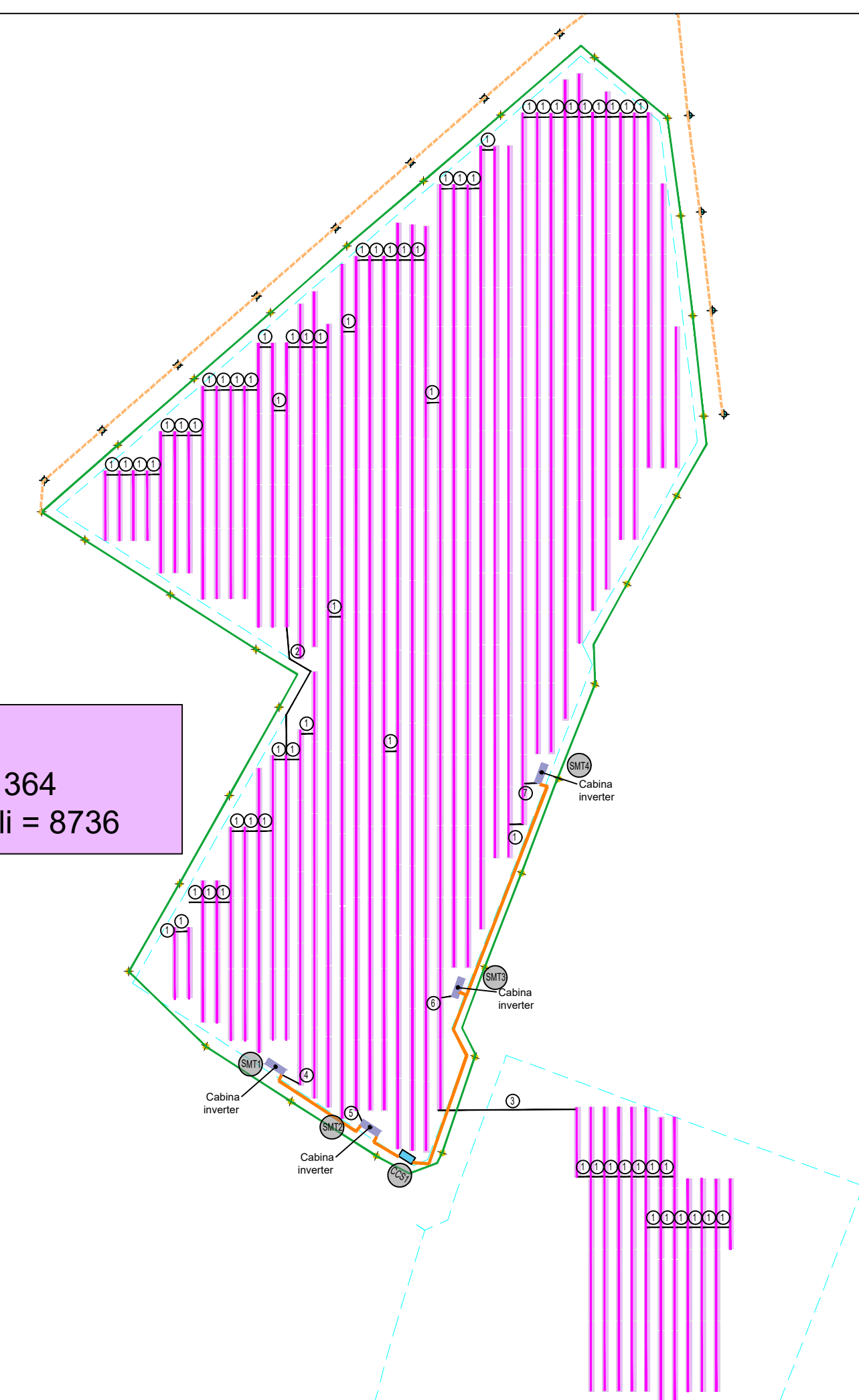
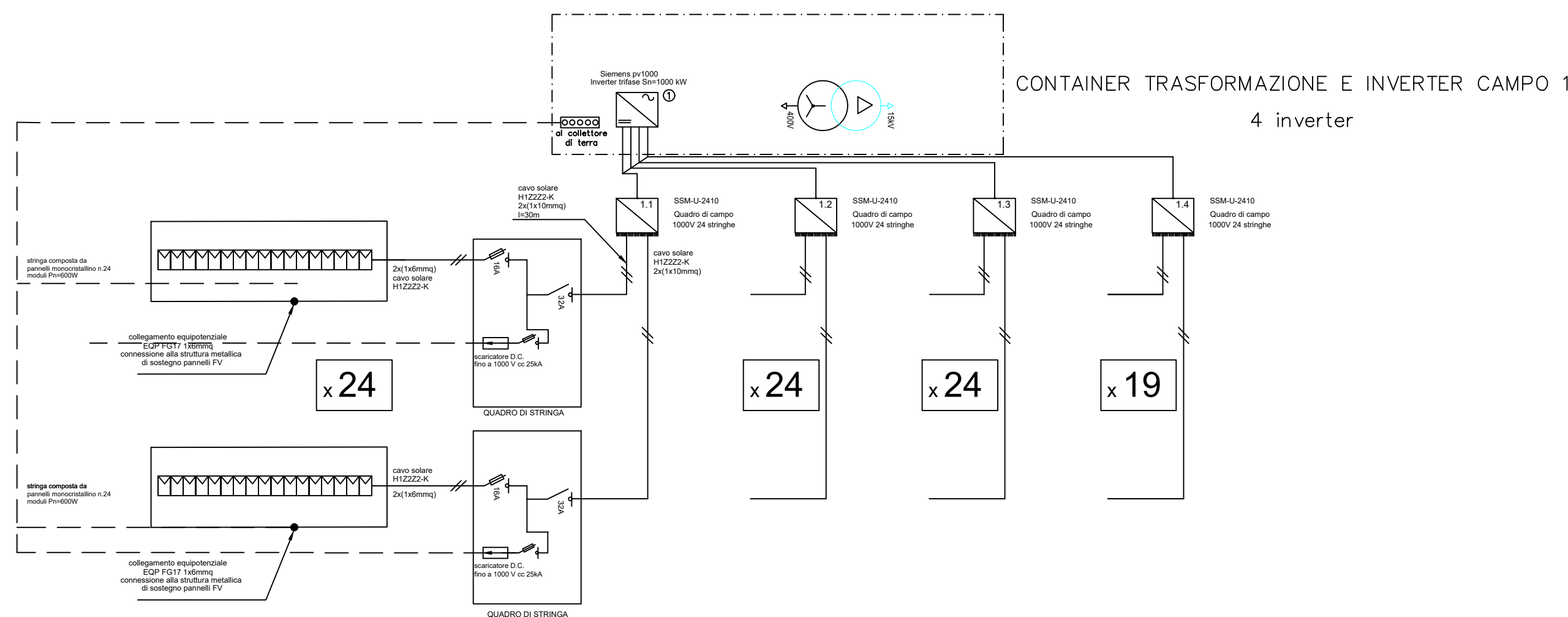


No.8369 Shangyuan Road, Xi'an Economic And Technological Development Zone, Xi'an, Shaanxi, China.  
Web: www.longi.com

Specifications included in this datasheet are subject to change without notice. LONGI reserves the right of final interpretation. 002210200404V03 DG

BT sottocampo #1		
Distinta componenti		
Componenti	u.m.	q.
Quadro campo 24 switch	n.	3
Quadro campo 19 switch	n.	1
Quadro di stringa	n.	91

Legenda	
	Linee cavi MT
	Linee cavi BT- passaggio sotto tracker
	Linee cavi BT- interrati
	Linee illuminazione 220V 3x10 mm2 + AVC telecamere
	Recinzione
	Confine catastale
	Cabina di consegna
	Container deposito e control room
	Cabina smistamento
	Cabina Inverter
	Pali illuminazione e telecamera



LOTTO 1  
Strutturex24= 364  
numero moduli = 8736

# COMUNE DI ALESSANDRIA



Città di Alessandria

# PROVINCIA DI ALESSANDRIA



## PROGETTO DI REALIZZAZIONE NUOVO IMPIANTO AGRIVOLTAICO DA 15,1056 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 <b>TAV 07 - Schema Campo 1</b>	SCALA 1:2000
REVISIONE - DATA	VERIFICATO	APPROVATO
REV.01 - 07/02/2023		
IL RICHIEDENTE	ELLOMAY SOLAR ITALY THREE S.R.L. 39100 Bolzano - Via Sebastian Altmann 9	
IL PROGETTISTA	Ing. Riccardo Valz Gris FIRMA	
TEAM DI PROGETTO	Arch. Manuela Laddaga Arch. Rosalba Teodoro  Studio Ing. Valz Gris 20124 Milano - Citycenter Regus - Via Lepetit 8/10 Tel. +39 02 0069 6321 13900 Biella - Via Repubblica 41 Tel. +39 015 32838 - Fax +39 015 30878	