

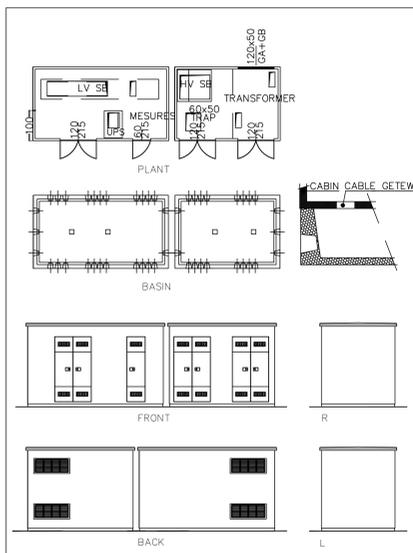
**PHOTOVOLTAIC PANELS:**

MULTI CRYSTALLINE PHOTOVOLTAIC MODULES:

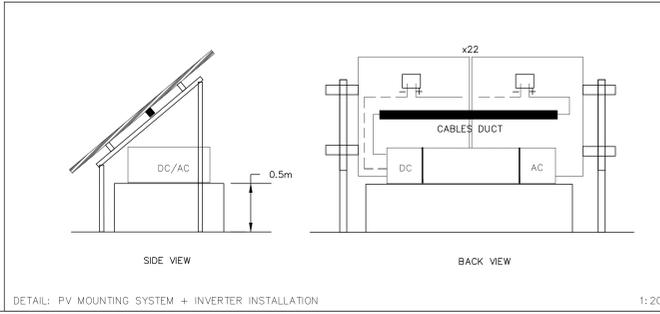
- NOMINAL POWER	260	W
- MODULE EFFICIENCY	16,1	%
- NOMINAL VOLTAGE	31,2	V
- NOMINAL CURRENT	8,34	A
- DIMENSIONS	1639x983x40	mm
- WEIGHT	18,5	kg
- NOCT	46±2%	

**SPP MAIN CHARACTERISTICS:**

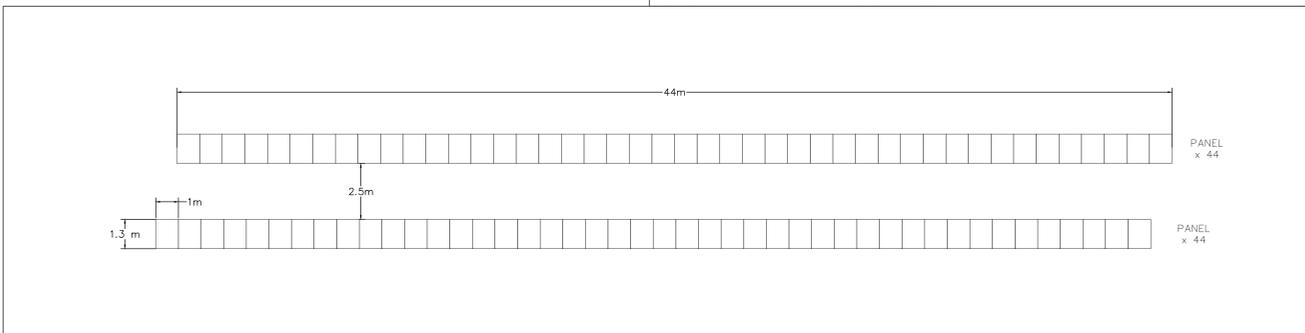
- STRINGS WITH n.22 MODULES IN SERIAL CONNECTION (PV MODULES 260W)	
- ARRAY TYPE 1: n.12 STRINGS IN PARALLEL	690V 100A 69kW
- n.14 ARRAYS CONNECTED TO INVERTER	60kW
- ARRAY TYPE 2: n.11 STRINGS IN PARALLEL	92A 63,4kW
- n.2 ARRAYS CONNECTED TO INVERTER	60kW
- TOTAL DC POWER	1.087kW
- TOTAL AC POWER	960kW
- TOTAL NUMBER OF PV PANELS	n. 4180
- TOTAL NUMBER OF INVERTERS	n. 16
- C/AC RATIO	112%
- TOTAL NUMBER OF INVERTERS	n. 2



DETAIL: MV/LV CABIN 1:75



DETAIL: PV MOUNTING SYSTEM + INVERTER INSTALLATION 1:20



DETAIL: PV PANELS 1:100

**MAP LEGEND**

—	STONE WALL	●	●1...C11 ELECTRICAL COCKPIT
●	H2O SUPPLY	—	DC POSITIVE CABLE
●	H2O POINT OF USE	—	DC NEGATIVE CABLE
*****	MOUNTAIN EDGE	▲	LED LIGHTING (EMISSION CONE)
	DRAINAGE CHANNELS	▲	SURVEILLANCE CAMERA (CONE)
—	FENCE	—	EARTHING SYSTEM
—	ROAD	—	LPS AIR-TERMINATION ROD
—	SEWERAGE SYSTEM	—	LPS CABLE TERMINATION
—	UNDERGROUND ELECTRICAL LINES	—	LPS EQUIPOTENTIAL CONNECTIONS
●	●1...I16 INVERTER		

2					
1					
0	Executive Design	26/10/2017			
REV.	Modifiche - Revision	DATA Date	DISG. Draw.	VERIF. Verif.d	APPR. App.d
CLIENTE Customer		PIN s.c.r.l. - Polo Universitario città di Prato			
LOCALITA' Location		Yeghegnadzor - Armenia			
IMPIANTO Plant		1 MW Photovoltaic System			
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TITOLO - Title	SPP 02		Dis. n.		
SOLAR POWER PLANT		F.TO Size	COMM. - Job		
		AO	REV.	SHEET	
		SCALE	1:250	0	1/1