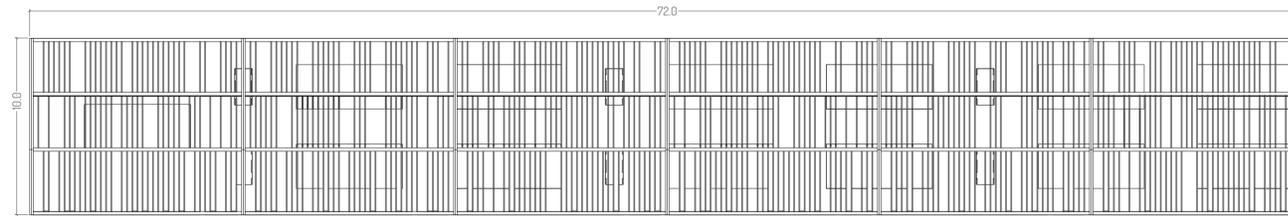
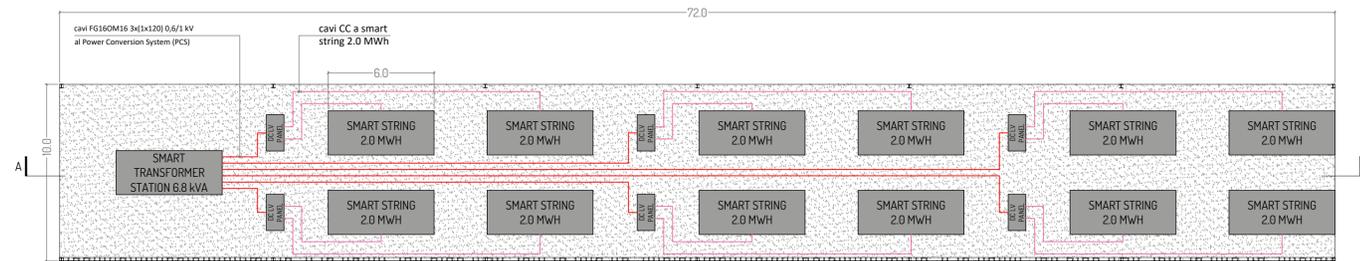


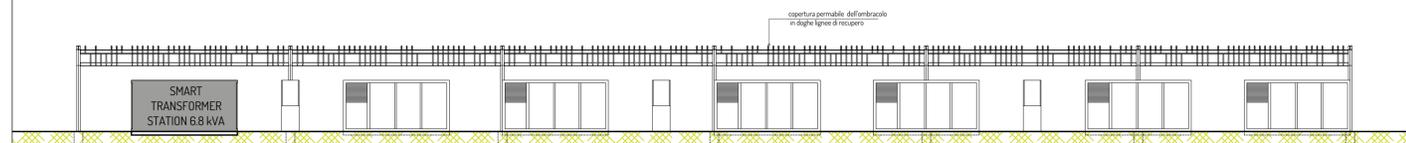
stralcio planimetrico, scala 1:1000



pianta delle coperture
scala 1:200



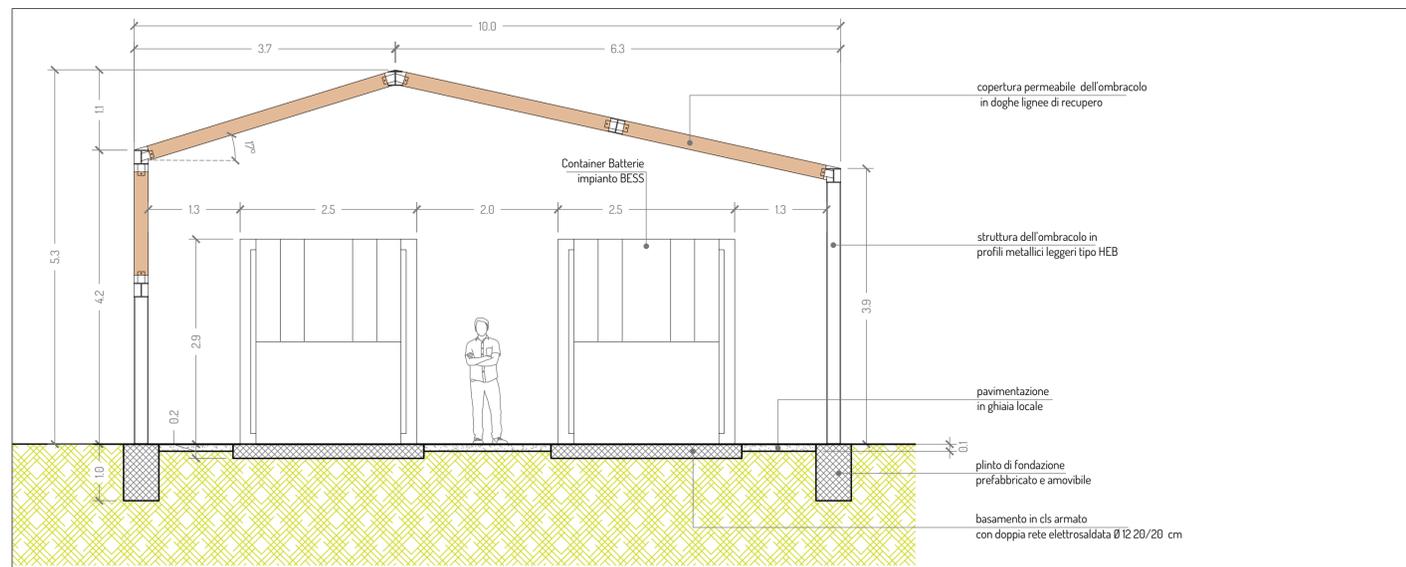
layout di impianto
scala 1:200



sezione longitudinale
scala 1:200



prospetto longitudinale
scala 1:200



Viste tridimensionali del sistema e dell'ombracolo

LUNA2000-2.0MWH-1H0		Technical Specifications	
Model	LUNA2000-2.0MWH-1H0	Model	LUNA2000-2.0MWH-2H1
Cell Material	LFP	Cell Material	LFP
Pack Configuration	10S 1P	Pack Configuration	10S 1P
Rated Voltage	51.2 V	Rated Voltage	51.2 V
Nominal Capacity	200 Ah @ 25°C 10h	Nominal Capacity	200 Ah @ 25°C 10h
Supported Charge & Discharge Rate	± 1 C	Supported Charge & Discharge Rate	± 1 C
Weight	± 140 kg	Weight	± 140 kg
Dimensions (W x H x D)	442 x 307 x 600 mm	Dimensions (W x H x D)	442 x 307 x 600 mm

Battery Pack		General	
Model	LUNA2000-2.0MWH-1H0	Model	LUNA2000-2.0MWH-2H1
Cell Material	LFP	Cell Material	LFP
Pack Configuration	10S 1P	Pack Configuration	10S 1P
Rated Voltage	51.2 V	Rated Voltage	51.2 V
Nominal Capacity	200 Ah @ 25°C 10h	Nominal Capacity	200 Ah @ 25°C 10h
Supported Charge & Discharge Rate	± 1 C	Supported Charge & Discharge Rate	± 1 C
Weight	± 140 kg	Weight	± 140 kg
Dimensions (W x H x D)	442 x 307 x 600 mm	Dimensions (W x H x D)	442 x 307 x 600 mm

LUNA2000-2.0MWH-1H0/2H1
Smart String ESS



- More Energy
- Optimal Investment
- Simple O&M
- Safe & Reliable

Battery Container		General	
Model	LUNA2000-2.0MWH-1H0	Model	LUNA2000-2.0MWH-2H1
DC Rated Voltage	1,200 V	DC Rated Voltage	1,200 V
DC Max. Voltage	1,200 V	DC Max. Voltage	1,200 V
Nominal Energy Capacity	2,004 kWh	Nominal Energy Capacity	2,004 kWh
Rated Power	344 kW / 3	Rated Power	344 kW / 3
Container Configuration	6.00 x 2.20 x 2.40 m	Container Configuration	6.00 x 2.20 x 2.40 m
Container Weight	± 30 t	Container Weight	± 30 t
Operation Temperature Range	-30°C ~ 50°C	Operation Temperature Range	-30°C ~ 50°C
Storage Temperature Range	-40°C ~ 60°C	Storage Temperature Range	-40°C ~ 60°C
Operation Humidity Range	0 ~ 100% (Without Condensation)	Operation Humidity Range	0 ~ 100% (Without Condensation)
Max. Operating Altitude	4,000 m	Max. Operating Altitude	4,000 m
Coating Method	Smart Air Coating	Coating Method	Smart Air Coating
Configuration of HVAC	6 HVAC	Configuration of HVAC	6 HVAC
Fire Suppression Agent	FM-200 / Novec 1230™	Fire Suppression Agent	FM-200 / Novec 1230™
Communication Interface	Ethernet / 4G	Communication Interface	Ethernet / 4G
Modbus TCP / IEC104	Modbus TCP / IEC104	Modbus TCP / IEC104	Modbus TCP / IEC104
Protection Degree	IP54	Protection Degree	IP54

Schede tecniche dei componenti di impianto BESS



PROGETTO PER LA REALIZZAZIONE DI UN NUOVO IMPIANTO AGRIVOLTAICO LOCALITA' CASCINA POMPOGNO COMUNI DI BARENGO E BRIONA NELLA PROVINCIA DI NOVARA E DELLE RELATIVE OPERE DI CONNESSIONE ALLA RTN DENOMINAZIONE IMPIANTO - PVA001 CAMERONA POTENZA NOMINALE - 43.1 MW

PROGETTO DEFINITIVO - SIA

PROGETTAZIONE E SIA

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ing. Andrea ANGELINI
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COLLABORAZIONE SCIENTIFICA

UNIVERSITÀ CATTOLICA DEL SACRO CUORE
DIPARTIMENTO DI SCIENZE DELLE PRODUZIONI VEGETALI SOSTENIBILI
prof. Stefano AMADUCCI



PD. EG.2 LAYOUT DI IMPIANTO

EG.2.10 Particolari tipologici: Pianta-prospetti-sezioni e componentistica del sistema BESS

Scala 1:50 - 1:200

REV.	DATA	DESCRIZIONE
06-23	prima emissione	

