SUN2000-215KTL-H0

Technical Specifications

Efficiency	
Max. Efficiency	99.00%
European Efficiency	98.60%
Input	
Max. Input Voltage	1,500 V
Max. Current per MPPT	30 A
Max. Short Circuit Current per MPPT	50 A
Start Voltage	550 V
MPPT Operating Voltage Range	500 V ~ 1,500 V
Nominal Input Voltage	1,080 V
Number of Inputs	18
Number of MPP Trackers	9
Output	
Nominal AC Active Power	200,000 W
Max. AC Apparent Power	215,000 VA
Max. AC Active Power (cosφ=1)	215,000 W
Nominal Output Voltage	800 V, 3W + PE
Rated AC Grid Frequency	50 Hz / 60 Hz
Nominal Output Current	144.4 A
Max. Output Current	155.2 A
Adjustable Power Factor Range	0.8 LG ... 0.8 LD
Max. Total Harmonic Distortion	< 3%
Protection	
Input-side Disconnection Device	Yes
Anti-islanding Protection	Yes
AC Overcurrent Protection	Yes
DC Reverse-polarity Protection	Yes
PV-array String Fault Monitoring	Yes
DC Surge Arrester	Type II
AC Surge Arrester	Type II
DC Insulation Resistance Detection	Yes
Residual Current Monitoring Unit	Yes
Communication	
Display	LED Indicators, WLAN + APP
USB	Yes
MBUS	Yes
RS485	Yes
General	
Dimensions (W x H x D)	1,035 x 700 x 365 mm (40.7 x 27.6 x 14.4 inch)
Weight (with mounting plate)	≤86 kg (189.6 lb.)
Operating Temperature Range	-25°C ~ 60°C (-13°F ~ 140°F)
Cooling Method	Smart Air Cooling
Max. Operating Altitude without Derating	4,000 m (13,123 ft.)
Relative Humidity	0 ~ 100%
DC Connector	Staubli MC4 EVO2
AC Connector	Waterproof Connector + OT/DT Terminal
Protection Degree	IP66
Topology	Transformerless

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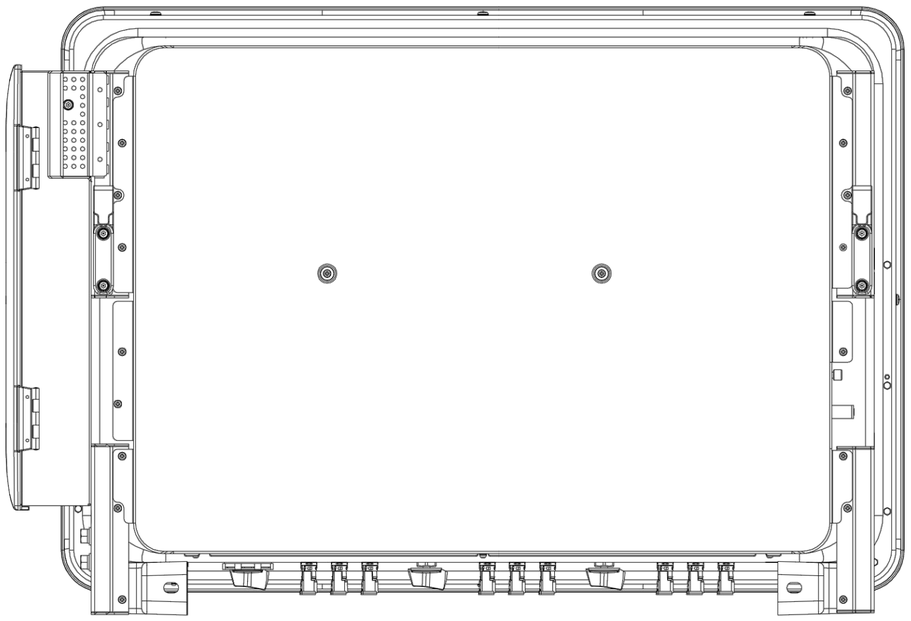

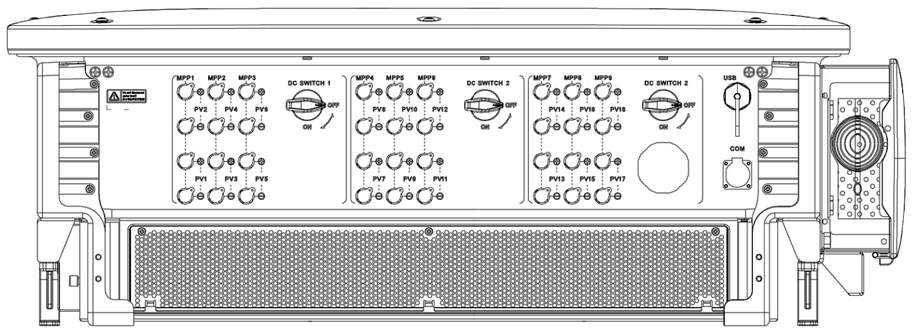

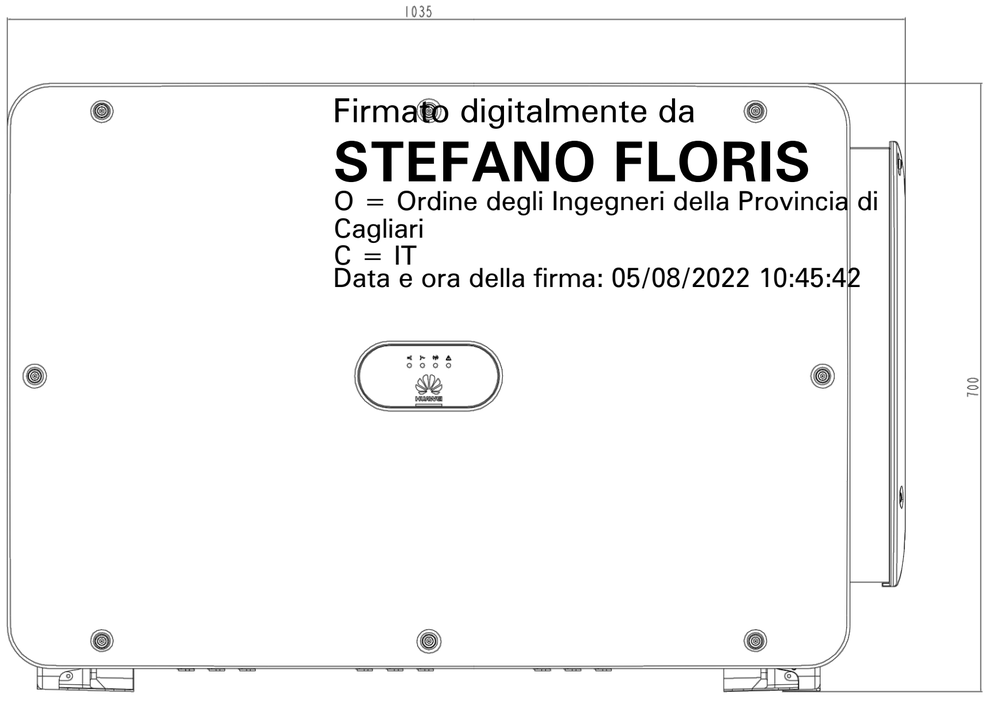

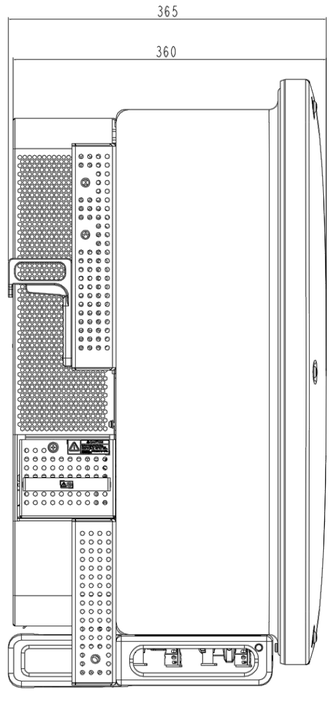

Firmato digitalmente da
STEFANO FLORIS
O = Ordine degli Ingegneri della Provincia di Cagliari
C = IT
Data e ora della firma: 05/08/2022 10:45:42

INVERTER HUAWEI SUN 2000 215KTL - DIMENSIONI scala1:5

SCHEDA TECNICA INVERTER HUAWEI SUN 2000 215KTL

STUDIO ALCHEMIST
Ing. Stefano Floris - Arch. Cinzia Nieddu

Via Isola San Pietro 3 - 09126 Cagliari (CA)
Via Simplicio Spano 10 - 07026 Olbia (OT)

stefano.floris@studioalchemist.it
cinzia.nieddu@studioalchemist.it

www.studioalchemist.it

COMUNE DI SAMASSI E SERRENTI

OGGETTO
REALIZZAZIONE DI IMPIANTO FOTOVOLTAICO A TERRA 24,49 MW - TIPO A INSEGUIMENTO MONOASSIALE "SAM-SE"

COMMITTENTE
ENERGYSAMSE SRL
Via Simplicio Spano 10 - 07026 Olbia (SS)

PROGETTO DEFINITIVO

ELABORATO
DETTAGLI COSTRUTTIVI - INVERTER

NUMERO ELABORATO
AV 11
VARIE
SCALA:
DATA: LUGLIO 2022

REV.	DATA	DESCRIZIONE	REDATTO	CONTROLLATO	APPROVATO
3		Terza emissione			
2		Seconda emissione			
1		Prima emissione	Arch. Chiara Martis	Arch. Valentina Madeddu	Ing. S.Floris

CODICE COMMESSA	NOME FILE	FASE PROGETTUALE	CATEGORIA	REV.
		DEF	IMPIANTI	00

STUDIO ALCHEMIST:
Ing. Stefano Floris
Arch. Cinzia Nieddu

COLLABORATORI:
Arch. Chiara Martis
Arch. Valentina Madeddu
Geol. Mario Strinna
Geom. Alberto Barroccu

PROGETTISTA - TIMBRO E FIRMA

ORDINE INGEGNERI PROVINCIA DI CAGLIARI
N. 5777 Dott. Ing. STEFANO FLORIS

PROGETTISTA - TIMBRO E FIRMA

ORDINE DEI DOTTORI AGRONOMI E DEI DOTTORI FORESTALI PROVINCIA DI SASSARI
CINZIA MARIA A. NIEDDU ARCHITETTO