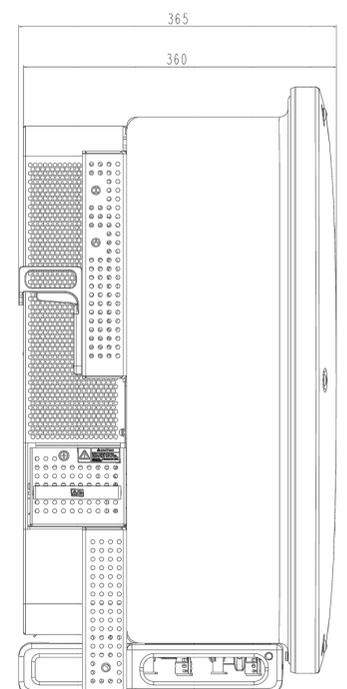
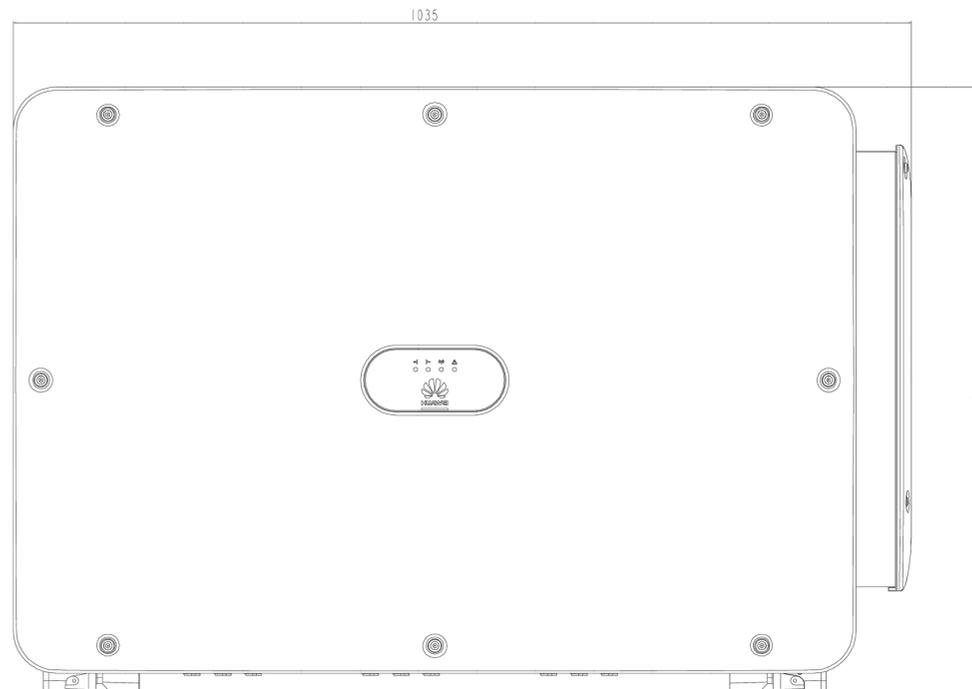
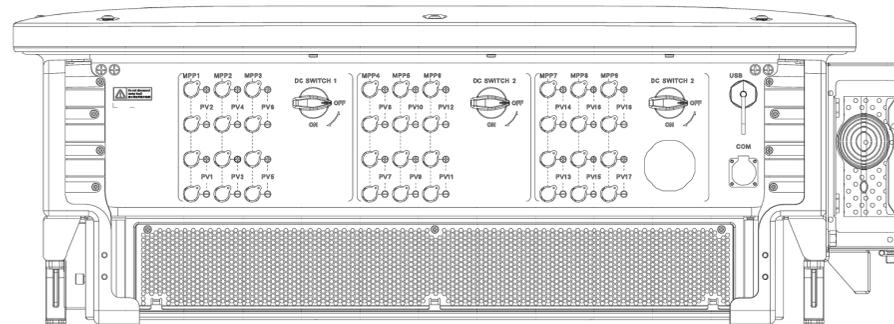
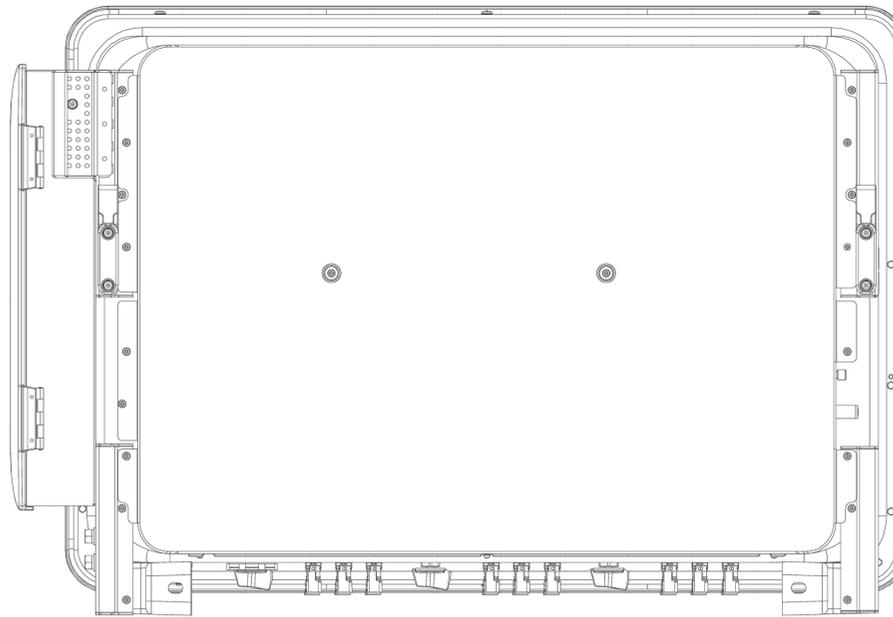


SUN2000-215KTL-H0  
**Technical Specifications**

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 + DT/DT Terminal
Protection Degree	IP66
Topology	Transformerless



INVERTER HUAWEI SUN 2000 215KTL - DIMENSIONI\_Scala 1 : 5

SCHEDA TECNICA INVERTER HUAWEI SUN 2000 215KTL

<b>STUDIO ALCHEMIST</b> Ing. Stefano Floris - Arch. Cinzia Nieddu					
Via Isola San Pietro 3 - 09126 Cagliari (CA) Via Semplicio Spano 10 - 07026 Olbia (OT)					
stefano.floris@studioalchemist.it cinzia.nieddu@studioalchemist.it www.studioalchemist.it					
<b>COMUNE DI LAERRU (SS)</b>					
OGGETTO <b>REALIZZAZIONE DI IMPIANTO AGRIVOLTAICO A TERRA DA 39,58 MW IN IMMISSIONE - SU TRACKER DI TIPO AD INSEGUIMENTO MONOASSIALE</b>					
<b>"LAERRU"</b>					
COMMITTENTE ENERGYLAERRU SRL P.IVA 02954120909 Via Semplicio Spano 10 - 07026 Olbia (SS)					
<b>PROGETTO DEFINITIVO</b>					
ELABORATO <b>DETTAGLI COSTRUTTIVI - INVERTER</b>		NUMERO ELABORATO <b>AU 11</b> SCALA: VARIE DATA: LUGLIO 2023			
3	Terza emissione				
2	Seconda emissione				
1	Prima emissione	Arch. Valentina Madeddu Arch. Chiara Martis Ing. S. Floris			
REV.	DATA	DESCRIZIONE	REDATTO	CONTROLLATO	APPROVATO
			DEF	IMPIANTI	00
CODICE COMMESSA	NOME FILE	FASE PROGETTUALE	CATEGORIA	REV.	
STUDIO ALCHEMIST: Ing. Stefano Floris Arch. Cinzia Nieddu		PROGETTISTA - TIMBRO E FIRMA 		PROGETTISTA - TIMBRO E FIRMA 	
COLLABORATORI: Arch. Chiara Martis Arch. Valentina Madeddu Arch. Michela Mellis Arch. Martina Sias Arch. Luigi Mereu Arch. Matteo De Curtis Geol. Mario Strinna					