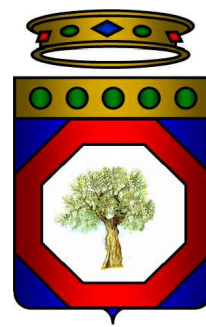


Comune di : APRICENA
Provincia di : FOGGIA
Regione : PUGLIA



NEOEN

NEOEN RENEWABLES ITALIA srl
Via Giuseppe Rovani, 7 - 20123 MILANO (MI)

ID: 10651- integrazioni - PROGETTO DEFINITIVO

IMPIANTO DI PRODUZIONE DI ENERGIA ELETTRICA DA FONTE
RINNOVABILE AGRIVOLTAICA DI POTENZA NOMINALE PARI A
20.013,84 kWp E RELATIVE OPERE DI CONNESSIONE ALLA RETE RTN

"SOLARE APRICENA - NEOEN"

TITOLO ELABORATO :

SCHEDA TECNICA INVERTER

DATA : 15 gennaio 2024

N°/CODICE ELABORATO :

SCALA : -----

Tipologia : EL (ELABORATI)

EL 036

PROGETTISTI:

TIMBRI E FIRME:



EDILSAP s.r.l.
Via di Selva Candida, 452
00166 ROMA
Ing. Fernando Sonnino
Project Manager



01	202202664	ID: 10651 Integrazioni Istanza VIA e AU - Modifica potenza	EDILSAP srl	Ing. Fernando Sonnino	Ing. Fernando Sonnino
00	202202664	Emissione per Progetto Definitivo	EDILSAP srl	Ing. Fernando Sonnino	Ing. Fernando Sonnino
N° REVISIONE	Cod. STMG	OGGETTO DELLA REVISIONE	ELABORAZIONE	VERIFICA	APPROVAZIONE

SUN2000-330KTL-H1
Technical Specifications
(Preliminary)

Efficiency	
Max. Efficiency	≥99.0%
European Efficiency	≥98.8%
Input	
Max. Input Voltage	1,500 V
Number of MPP Trackers	6
Max. Current per MPPT	65 A
Max. Short Circuit Current per MPPT	115 A
Max. PV Inputs per MPPT	4/5/5/4/5/5
Start Voltage	550 V
MPPT Operating Voltage Range	500 V ~ 1,500 V
Nominal Input Voltage	1,080 V
Output	
Nominal AC Active Power	300,000 W
Max. AC Apparent Power	330,000 VA
Max. AC Active Power (cosφ=1)	330,000 W
Nominal Output Voltage	800 V, 3W + PE
Rated AC Grid Frequency	50 Hz / 60 Hz
Nominal Output Current	216.6 A
Max. Output Current	238.2 A
Adjustable Power Factor Range	0.8 LG ... 0.8 LD
Total Harmonic Distortion	< 1%
Protection	
Smart String-Level Disconnecter(SSLD)	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
AC Grounding Fault Protection	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)	1,048 x 732 x 395 mm
Weight (with mounting plate)	≤108 kg
Operating Temperature Range	-25 °C ~ 60 °C
Cooling Method	Smart Air Cooling
Max. Operating Altitude without Derating	4,000 m (13,123 ft.)
Relative Humidity	0 ~ 100%
AC Connector	Waterproof Connector + OT/DT Terminal
Protection Degree	IP66
Topology	Transformerless