

ENSERVER 1.25MW

TECHNICAL DATA SHEET



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PERFORMANCE SPECIFICATIONS

AC (ON GRID)

Apparent Power	1250kVA
Rated Power	1250kW
Rated Voltage	550V
Rated Current	1260A
Voltage Range	495V-605V
Rated Frequency	50/60Hz
Frequency Range	46-54/56-64Hz
THDI	<3%
PF	0.9 lagging~0.9 leading
AC Connection	3/PE

AC (OFF GRID)

Apparent Power	1250kVA
Rated Power	1250kW
Rated Voltage	550V
Rated Current	1260A
THDU	≤2% linear
Rated Frequency	50/60Hz
Overload Capability	110%-10 mins 120%-1 min

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DC (ESS AND PV)	
Rated Power	1250kW
Current Regulation	±1%
Voltage Regulation	±1%
Voltage Ripple	<3%
Current Ripple	<2%
Voltage Range	900V-1500V
Max. Charge/ Discharge Current	1111A/1334A
GENERAL INFORMATION	
Maximum Efficiency	98.5%
Protection Degree	IP20
Noise Emission	<65dB(A)@1m
Operating Temperature	-25°C~+55°C
Cooling Method	Forced-air
Relative Humidity	0-95% non-condensing
Maximum Altitude	5000m (derate over 2000m)
Dimension(W/H/D)	1510/1900/850mm
Weight	1400kg
Build-In Transformer	No
Lightning Protection	Type II
Grid Support	L/HVRT, FRT, active & reactive power control and power ramp rate control. Volt-var, Volt-watt. Frequency-watt

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COMMUNICATION

Display

Touch screen

Communication

RS485/CAN

CERTIFICATE

CE , MEA , PEA , EN 61000-6-4:2007+A1:2011 , EN61000-6-2:2005 , EN62109-1:2010 , EN62109-2:2011, NRS 097-2-1:2017, VDE 0126, UTE-C, 15-712, EN 50549-1:2019, PSE:2018-12