

ENSERVER 1.5MW

TECHNICAL DATA SHEET



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PERFORMANCE SPECIFICATIONS

AC (ON GRID)

Apparent power	1500kVA
Rated power	1500kW
Rated voltage	690V
Rated current	1260A
Voltage range	621V-759V
Rated frequency	50/60Hz
Frequency range	46-54/56-64Hz
THDI	<3%
PF	0.9 lagging~0.9 leading
AC connection	3/PE

AC (OFFGRID)

Apparent power	1500kVA
Rated power	1500kW
Rated voltage	690V
Rated current	1260A
THDU	≤2% linear
Rated frequency	50/60Hz
Overload capability	110%-10 mins 120%-1 min

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DC (BATTERY AND PV)	
Rated power	1500kW
Current regulation	±1%
Voltage regulation	±1%
Voltage ripple	<3%
Current ripple	<2%
Voltage range	1000V-1500V
Max. charge/ discharge current	1300A/1500A
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
Transfer between on/off grid	Manual(default) Automatic(optional) ≤10ms

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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