

# NEPCSO-2000



# MORE ECONOMICAL

## FEATURES



Multiple protection functions



Battery charge & dis-charge management and black start function integrated



Wide DC voltage operation window, full power operation at 1500 V

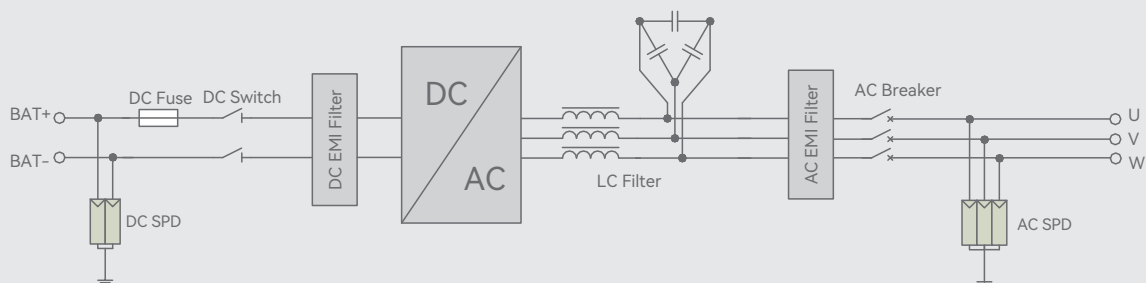


NEMA 4X (Electronic for Inverter) / NEMA 3R (Others), easy for outdoor installation



L/HVRT, L/HFRT, soft start, specified power factor control and reactive power support

## TOPOLOGY DIAGRAM DISPLAY



Wind/PV Farm



Utility



Off-grid

# POWER CONVERSION SYSTEM

NEPCSO-2000

## SPECIFICATIONS

Model	NEPCSO-2000
DC Voltage Range for Nominal Power	1155 - 1500 V
Max. DC Current	1944 A
Max. DC Power	2245 kW
No. of DC Inputs	1
Nominal AC Power (45 °C)	2000 kVA
Max. AC Power at PF = 1 (45 °C)	2200 kVA
Max. AC Current	1444 A
Nominal AC Voltage	800 V
AC Voltage Range	680 - 920 V
Nominal Grid Frequency	50 Hz / 60 Hz
Max. THD of Current	< 3% (At Nominal Power)
Number of Phases	3Ø
Max. Efficiency / CEC Efficiency	99% / 98.5 %
Dimensions (W*H*D)	1100 *2400 *1500mm
Weight	1680kg 3696lb
Degree of Protection	NEMA 4X (Electronic for Inverter) / NEMA 3R (Others)
Operating Ambient Temperature Range	-30 - 60 °C (> 45 °C Derating)
Noise Emission	70 dB

