

# NEPCS-2000

## 2MW/690V



### FEATURES



Max. Power up to 2MW  
(AC voltage 690V)



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



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

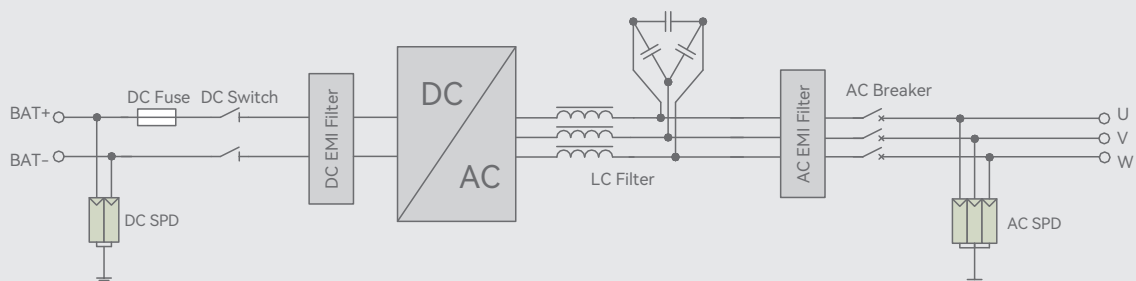


L/HVRT, L/HFRT, soft start, specified power factor control and reactive power support



Supports IEC61850, wild applications, and fast power response

### TOPOLOGY DIAGRAM DISPLAY



Wind/PV Farm



Utility



Off-grid

# POWER CONVERSION SYSTEM

NEPCS-2000

## SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Model                               | NEPCS-2000   |
| DC Voltage Range for Nominal Power  | 1020 ~1500 V   |
| Max. DC Current                     | 2000 A   |
| Max. DC Power                       | 2040 kW  |
| No. of DC Inputs                    | 1  |
| Nominal AC Power (45 °C)            | 2000 kVA   |
| Max. AC Power at PF = 1 (45°C)      | 2000 kVA   |
| Max. AC Current                     | 1674 A   |
| Nominal AC Voltage                  | 690 V  |
| AC Voltage Range                    | 587-794 V  |
| Nominal Grid Frequency              | 50 Hz / 60 Hz  |
| Max. THD of Current                 | < 3% (At Nominal Power)  |
| Number of Phases                    | 3Ø   |
| Max. Efficiency / CEC Efficiency    | 98.8% / 98.5 %   |
| Dimensions (W*H*D)                  | 1906 *2264 *800 mm   |
| Weight                              | 1680 kg 3696 lb  |
| Degree of Protection                | Type 1   |
| Noise Emission                      | -30 - 60 °C (> 45 °C Derating) / -22 -140 °F (> 113 °F Derating) |
| Operating Ambient Temperature Range | < 70 dB  |

