

BX-C20 SPECIFICATION

Technical Parameters

EGS2236K-T1725

AC Output Power	1725 kW
Nominal AC Voltage	0.4/10 kV
Port rated voltage	690 VAC
Nominal Output Frequency	50 Hz /60 Hz (can be set)
Max. Efficiency	99.03%
Overload Capacity	110% overload

Nominal Battery Voltage	1331.2 VDC
Battery Cell Type	LFP 3.2 V / 280 Ah
Battery Pack Configuration	104S1P / 93.184 kWh
Battery System Configuration	416S2P*3
Rated System Capacity	2236.416 kWh
Battery Voltage Range	1123.2 V ~ 1497.6 VDC
Max. Charging / Discharging Rate	1CP

Transformer Type	Dry-type transformer
Rated Power	1725 kVA
Voltage Ratio	0.69 kV/0.4-10 kV
Connection Group Methods	Dyn11

Dimension W * D * H	6058×2438×2896 mm
Weight	< 30T (TBD)
IP Ratings	IP54
Allowed Ambient Temperature	-30°C ~ +55°C*1
Max. Working Altitude	< 3000 m*2
SPD	AC TYPE II
Cooling System	Smart liquid cooling
Fire Protection System	Combustible gas detection, accident ventilation, gas fire protection , water disinfection
Communication	Modbus-RTU/Modbus-TCP
Standard	UL9540, UN3536, IEC62477, EN61000, EN62116, EN50549-1

*1. Power derating is performed when the ambient temperature is lower than -15°C or higher than +45°C.

*2. When the altitude is between 2000-3000m, perform power derating.

