Product P r meters

Battery System	
Pack configuration	1P16S
Pack qty. for each rack	24
Rack qty.	8
Rated charging/discharging current	70A*8
Max charging/discharging current	80A*8
Rated energy	2.752MWh
Rated capacity	2240Ah
Voltage range	1075.2~1382.4Vd.c.
Rated voltage	1228.8Vd.c.
Rated power	688kW
Over voltage category	OVC
Power Conversion System	
Rated voltage	690Va.c. 3P/PE
Rated current	144Aa.c.*4
Max continous current	158Aa.c.*4
Rated active/apparent power	688kW
Max active/apparent power	756.8kW
Grid frequency	50Hz/60Hz
Power factor	-0.9~0.9
Over voltage category	OVC
AC	
Rated voltage	35kVa.c. 3P
Rated current	13.2Aa.c.
Max continous current	14.5Aa.c.
Rated active/apparent power	800kW
Max active/apparent power	880kW
Grid frequency	50Hz/60Hz
Over voltage category	OVC
General Information	
Ambient temperature range	-20 ~55
Ingress protection	IPX4
Protection class	Class I
Working altitude	＜2000m
Working noise	＜70dB
Dimension(W*D*H)	12192(±5)mm*2438(±5)mm*2896(±5)mm
Weight	37100kg±500kg
Cooling method	Air cooling
Overload capability	Constant operation@110%; 1min@120%
Efficiency	Max 99%
Power response	<100ms
Communication protocol	Modbus-RTU, Modbus-TCP
Certification	EN IEC 61000-6-2, EN IEC 61000-6-4, CEI 0-16, IEC62933-5-2, UN 38.3

Product Components

8 sets of battery racks, 8 sets of control boxes, 4 sets of PCS, 1 set of thermal managing system
1 set of firefighting system, 1 set of battery managing system, 1 set of 35kV switch gear, 2 sets of transformers