



Power Conversion System (PCS)	PCS2X/4X
Apparent power	625 kVA - 1250 kVA
Rated power	500 kW - 1000 kW
Rated voltage	400 VAC
Rated current	1000 A – 2000 A
Voltage range	360~440 VAC
Rated frequency	50/60 Hz
Frequency range	45-55/55-65 Hz
THDI	<3%
PF	0.8 lagging~0.8 leading
AC connection	3/N/PE
Max. efficiency	96.10%
Working degree	-25 °C~+55 °C
Cooling	Forced-air
Relative humidity	0-95% non-condensing
Max. Power height	6.000 m (derate above 3.000 m)
Standards	CE, EN 61000-6-2, EN61000-6-4, EN62109-1, EN62109-2
Dimensions (W * H * D)	(800 x 2.250 x 800 mm)
Weight	457kg for 250 kW
DC (Battery)	
Rated power	1.459 kWh – 3.210 kWh
Current regulation	±1%
Voltage regulation	±1%
Fluctuating voltage	<3%
Alternating current	<2%
Voltage range	300~850 HVDC
Max.charge / discharge current	880 A – 1.760 A
Communication	
Screen	Touch screen
Communication	RS485/CAN
Embedded transformer	Yes
on/off grid	Manuel (default)
	Automatic (optional)
	≤10ms
Standards	IEC
Certificate	CE , EN 61000-6-4 , EN61000-6-2