

20FT BESS Container



	500kW MPS+1.2MWh Storage
Power Converter Compatibility	
Rate power	500KW
AC voltage	Rate: 380V/400V, Range: 360V~440V
Compatible Battery System	
Battery Capacity range	1204kWh
Battery type	Lithium iron phosphate battery
Battery Voltage Range	716.8V DC
Crate	0.5C
Optional PV System connection	
Max. PV power	600KWp
PV MPPT voltage range	450V~850V
General data	
Size (W×H×D)	6058×2591×2438mm
Max. weight	17480kg
Noise	70dB
Degree of protection	IP54
Max elevation	6000m (derate over 3000m)
Operating ambient temperature	-20°C to 50°C (De-rating over 45°C)
Humidity	0~95% (No condensing)
Cooling	Forced air cooling for power electronics. Air conditioned for battery system
FIRE safety	FM200 (HFC-227ea) or ABC
Other	
AC connection	3-Phase 4-wire+PE at AC connection
Communication	RS485, CAN, Ethernet / MODBUS TCP/IP