

Container Parameters

General	20ft	40ft
Dimensions	2438x2896x6058mm	2438x2896x12192mm
Weight	approx. 17.5t	approx. 37.5t
Protection level	IP21 (Container); IP54 (Internal electrical equipment)	
Corrosion resistance	C4	C4
Rated input Voltage	400Vac	400Vac
Rated Power	400kW (4x100kW)	800kW (8x100Kw)
Rated input current	608A	1216A
Frequency	50/60Hz	50/60Hz
Operating Ambient	-25 ~ 45°C	-25 ~ 45°C
Operating Altitude	<2000m	<2000m
Noise	<70dB	<70dB
Humidity	0-95% (Non-condensing)	0-95% (Non-condensing)
Protection	Emergency stop protection, warning function, short circuit protection, overload protection, lightning protection	Emergency stop protection, warning function, short circuit protection, overload protection, lightning protection
Cooling method	Battery: Liquid cooling; Charging station: Liquid cooling; PCS: Air cooling; DC combiner cabinet: Air cooling	Battery: Liquid cooling; Charging station: Liquid cooling; PCS: Air cooling; DC combiner cabinet: Air cooling
Transport	Container transportable according to UN38.3	Container transportable according to UN38.3

Battery	20ft	40ft
Battery capacity	1069kWh (Battery cabinet)	2138kWh (Battery cabinet)
DC side voltage range	910-1328.6Vdc (Battery cabinet)	910-1328.6Vdc (Battery cabinet)
Cell type	LFP/CATL (Battery cabinet)	LFP/CATL (Battery cabinet)
Cell capacity	306Ah (Battery cabinet)	306Ah (Battery cabinet)
Charge and discharge rate	0.5P (Battery cabinet)	0.5P (Battery cabinet)
Fire suppression system	Aerosol/Water (Battery cabinet)	Aerosol/Water (Battery cabinet)
Certifikation	Safety: IEN 62477-1, EN62477-1, Grid Code: AS/NZS 4777.2:2020, EN50549-1, VDE4105, VDE4110, EMC: IEC/EN 61000-6-2, IEC/EN 61000-6-4, Vibration: ILEC60068-2-6:2007	

Charging Station	20ft	40ft
Rated Power	400kW (Charging station)	2x400kW (Charging station)
Output voltage range	200-1000Vdc (Charging station)	200-1000Vdc (Charging station)
Output current range	0 ~ 500A, max 600A single gun (Charging station)	0 ~ 500A, max 600A single gun (Charging station)
AC Output connection	1x 32A CEE, 1x 64A CEE, 1x 125A CEE	1x 32A CEE, 1x 64A CEE, 1x 125A CEE
Cable cooling method	Liquid cooling (Charging station)	Liquid cooling (Charging station)
Communication method	4G/Ethernet (Charging station)	4G/Ethernet (Charging station)
Cable length	7m (Charging station)	7m (Charging station)

