

### 3.2 Container

The system adopts 20ft standard container integration and external air conditioner at the same time. The layout of container system is shown in the following figure. The battery container consists of six~nine 329.3 kWh battery strings with a total capacity of 0.32928\*n MWh(where n=6,7,8 or 9).



<b>Product Type</b>	PowerCube-20G-M5A180-ex/1.97-US-xx PowerCube-20G-M5A180-ex/2.3-US-xx PowerCube-20G-M5A180-ex/2.63-US-xx PowerCube-20G-M5A180-ex/2.96-US-xx (where xx=03 or 04)
Cell Technology	LiFePO4 (LFP)
Rated capacity (Ah)	245*n (where n = 6,7,8 or 9)
Nominal voltage (VDC)	1344
Upper limit charging voltage (VDC)	1491
Final discharge voltage (VDC)	1050
Maximum charging/discharging current (A)	180*n (where n = 6,7,8 or 9)
Dimensions (W x D x H, mm)	6058*2438*2591
Weight (kg)	30000
Operation Temperature(°C)	-20~45°C
Protection Class	IP54
Pollution degree	PD3(Outside), PD2(Inside)