



## Ultimate Container

Model	FWUC-5900-HVXA-12781080
Total Energy Capacity [kWh]	5900
Usable Energy, 90% DoD [kWh]	5310
Nominal Battery Voltage [V]	1152
Max./Min Battery Operating Voltage [V]	1278/1080
Max./Cont. DC Discharge Power [kW]	3688/2949
Max./Cont. DC Charge Power [kW]	2948/1768
Total Weight Fully Assembled [kg]	Approx. 45 000
Weight Partially Assembled for Shipping and Road Transport [kg]	Approx. 28 000 (weight of separate crates to accompany for site installation approx. 18 000kg)
Housing	Reinforced 12m High Cube Shipping Container (grade A)
Overall Dimensions for Transport - L x W x H [mm]	12 200 x 2 450 x 2 900 (HVAC excluded)
Installed Dimensions - L x W x H [mm]	12 200 x 3 450 x 2 900 (HVAC included - installed on-site)
Battery Configuration	4 x megaTower Extra in Parallel (see megaTower Extra spec sheet for battery details)
DC Connection	DC cables fitted to battery DC Isolator Cabinet busbars, routed to external combining busbar (in inverter)
HVAC	2 x external air handling units with internal cool air distribution ducting - 40kW (136kBTU/hr) total cooling capacity
Fire Suppression	Smoke detection, off gas detection, fire suppression, fire control panel and siren with UPS
Small Power and Lighting	Integrated DB, external power connection point (400VAC), internal lighting and plug point, supply to HVAC - maximum auxiliary load 20kW
Personnel Ingress/Egress	Pedestrian door one end, main doors on opposite end, centre aisle
External Finish	White gloss enamel paint with logo decals
Communication to Central Controller	CAN Bus
Container IP Rating	IP54
Ambient Operating Temperature Range [°C]	-15°C to +50°C (>45°C derating applies)
Relative Humidity	≤95% (non-condensing)
Maximum Operating Altitude [m]	<3000
Warranty	10 years (terms and conditions apply, see Ultimate warranty document for further details)