

Model		MobileEVC 215-215-30	Mobile EVC 430-430-120
<b>General</b>			
Configuration	-	215 kVA / 215 kWh	430 kVA / 430 kWh
Dimensions	mm	2750×2150×2198	4092×2530×2591
Weight	ton	5.9	11.6
Container Type	-	Outdoor cabinet	10FT HQ container
Operating Ambient Temperature	°C	-20–55	-30 °C–55 °C (external heating required for liquid cooling system at ambient temperatures)
Humidity	-	0% to 95% (no condensation)	0% to 95% (no condensation)
Full Performance Operating Altitude	m	≤2000	≤2000
Acoustic Level At 1.5	dB	< 75	<85
Protection Rating	-	IP55	
Corrosion Protection		C4	
Output Isolation	-	Isolation Transformer	
IoT	-	Ethernet, RS485	
Connection with DG	-	AC coupling	
Expected Lifetime	-	> 10 years	
<b>AC Power</b>			
Rated Output Power Capacity	kW	200 kW (with max charging power 30 kW)	400 kW (with max charging power 120kW)
Output Overload Power/Powerboost (@60 sec per 600 sec)	kV A	250 kVA, 83 kVA per phase	500 kVA, 166 kVA per phase
Output Overload Power/Powerboost (@10 sec per 600 sec)	kV A	300 kVA, 100 kVA per phase	600 kVA, 200 kVA per phase
Input Max Power	kW	210	430
Input/ Output Rated Voltage	Vac	380/ 400/ 415 Vac @ 3 Phases 3L/N/PE	
Input Voltage Range	Vac	360~433 Vac, software adjustable	
Input/Output Frequency	Hz	50 Hz / 60 Hz ± 2.5 Hz, software adjustable	

Input/ Output Connection	-	Copper busbar or powerlock	Copper busbar
Circuit Breaker	-	ELCB (MCCB optional)	
Upstream Leakage Current	mA	<30	
PCS Thdi (Total Harmonic Distortion-		≤ 3%	
<b>Battery</b>			
Battery Cell Type	-	CATL LFP 285 Ah	
Rated Energy Storage Capacity	kW	218	437
Operating DC Voltage	Vdc	672–876	
Depth of Discharge (DOD)		90% / 80%	
Max. Charging Rate	-	1C	
Rated Discharge Rate	-	1C	
Cycle Life	-	5000 cycles	
Battery Management System	-	Designed by EJT	
Cycle Life (12) Battery Management System Fastest Charging Duration	min	80	
<b>EV Charging System</b>			
EV Charging Power	kW	30	120
DC Output Voltage Range	Vdc	200–1000 Vdc, with an error of ±1 Vdc,	
Charging Interface	-	CCS2	
Max. Output Power	kW	30	120
Touch Screen	-	10.1-inch	
Protection Functions	-	Overvoltage protection, overcurrent protection, short circuit protection, battery reverse connection protection, insulation protection, over-temperature protection	

Certification	-	IEC/EN 61851-1 IEC/EN 61851-23 IEC/EN 61851-24 IEC/EN 62196-3	
<b>Optional Features</b>			
Range-Extended Charging by AC Power	-	80 kW (standard)	80 kW (standard)
		80 kW (max)	120kW (max)
		380/400/415 Vac, 50/60 Hz	
		Upstream leakage current <30 mA	
Smart Genset (Built-In Smart Diesel Generator Management System)	-	Yes	
Premium Input/Output Connection	-	Powerlock (max 400 A), CEE form connector (16 A / 63 A)	Copper busbar
IoT	-	4G	
AI Watt by Cloud with App	-	Yes	
Web Remote Control	-	Yes	
GPS	-	Yes	
Built-In /Add-On Fast EV Charger	-	30 kW CCS2	120 kW CCS2
Grid Connection	-	ENIEC 50549-1, VDE 4105/4110, G99/G100	
		AS/NZS 4777	