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# UON SMART™ DC-FC

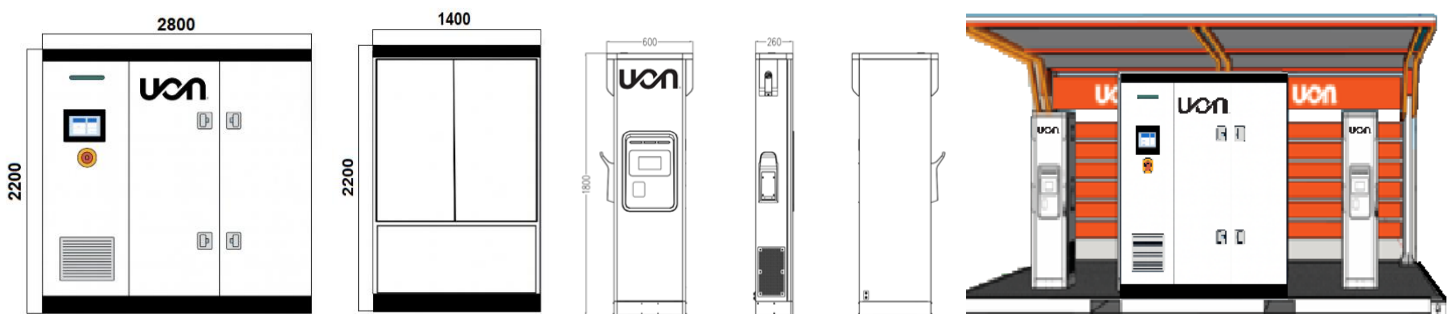
Integrated DC Fast Charging System for  
Commercial Australian Conditions



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# TECHNICAL SPECIFICATIONS

System Application		Charge Dispenser	
Augmentation	ON GRID, OFF GRID, GRID CONSTRAINT	Dispenser Type	Single (1 gun) Standard, Option: Double (2 gun)
Control	Local, remote	Max Installable Guns	6 (Double x 3 Dispensers)
Energy Source	ESS, PV, Grid, Generator	Cooling	Liquid
Supply	AC or DC	Charge Protection	Over current, short circuit, over voltage, temperature protection, insulation breakdown
Vehicle Suitability	All vehicles, plant & equipment fitted with CCS2	Interface	7" capacitive LCD touch HMI
IP	55	Dimensions (w x h x d)	600 x 1800 x 260mm
IK	10	Weight	200 kg
Efficiency	> 97 %	<b>Gun Selection</b>	
Noise	< 60 dB	Gun Type	CCS2
Temperature Rating	-20 to +50°C	Gun Output	500A (Standard), Option: 500A + 200A
Certification	CE/RED, EN61000-6-3/EN61000-6-1, Class A: EN61851-1/EN61851-23/EN 61851-24, AS 3000, AS 3008, AS 4777	Cable Length	5m
<b>SMART™ Node</b>		Gun Cooling	Liquid
Supply, AC	415 VAC +/-15 %, 50 Hz, 3P+N+E, 70 kW	<b>Charging Capability</b>	
Supply, DC	300 - 900 VDC, 80 kW	Simultaneous Charging	YES (2 individual sessions)
Energy Storage	350 kWh, 1C	Parallel Charging	YES (2 Guns to 1 vehicle max)
Power Throughput	400 kW	Charge Characteristic	Dynamic charging, static charge limiting, gun prioritization, user prioritization, scheduling power limits & more
Output Voltage	150 - 1000 VDC	Station Use	Open, RFID, Pay-2-Use, QR code
Cooling	Liquid	Billing Mode	Free, flat rate, charge time, energy consumed, charge energy, scheduled, user defined, system specific & more.
Dimensions (w x h x d)	2800 x 2200 x 1400mm		
Weight	6500 kg (max)	Protocol	ISO 15118, DIN 70121, IEC 61851, OCPP 1.6
<b>Skid Base + Canopy (Option)</b>			
Dimensions (w x h d)		6058 x 351 x 2490mm	
Weight		2500 kg	



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