

DC-FC MOBILE DATASHEET

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*Truck shown for illustration purposes only. Truck not included.

The **DC-FC Mobile is a versatile mobile energy storage and charging solution**, available with configurable battery capacities ranging from 100kWh to 400kWh. Designed for flexible deployment, it can operate as a stationary unit, trailer-mounted system, or van-mounted mobile charger. The unit supports CCS1 and CCS2 charging standards with power delivery up to 180kW and includes industrial-grade sockets to provide reliable emergency power backup when needed featuring a 50kW to 100kW battery system designed to meet the energy demands of a wide range of applications.

Porta Power enables rapid charging for various electric vehicles, including passenger cars, construction equipment, heavy-duty trucks, and electric vessels. In addition, it delivers dependable power support for industrial and remote job sites.

By providing reliable energy access anytime and anywhere, Porta Power supports green mobility initiatives and advances sustainable development goals.

Operational and Environmental Benefits



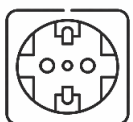
50kW-100kW Capacity

Provide extended energy storage enabling longer operational runtimes.



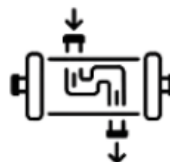
60kW-180kW Power

DC fast charging via CCS1/CCS2.



50kW-100kW Industrial Socket

Reliable power charging, significantly reduces downtime, improving productivity and operating efficiency



Liquid Cooling

-20-60°C Liquid cooling supports higher charging currents while preventing overheating



Overall IP54/Battery IP65

Robust resistance to dust ingress and water exposure.



OEM/ODM Supports Customization

Tailored solution that matches requirements.

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KEY SPECIFICATIONS				
Description		Mobile 60	Mobile 180-200	Mobile 180-400
Battery	Capacity (kWh)	103.6	217	434
	Cell Type	LFP, >5000 Cycles		
DC Output	Voltage Range	200-1000Vdc		
	Charging Power (Single Gun, Double Guns)	60kW	180kW, 90kW*2	180kW, 90kW*2
	Charging Guns	CCS2 * 2		
	Cable Length	7M		
DC Input	Rated Current	180A	200A	200A
	Replenishment Method	CCS2	CCS2	CCS2
AC Output	Rated Power (Industrial Socket) kW	50 (Optional)	100	100
	Output Socket	400V63A * 2, 230V16A * 1		
AC Input	Input Socket (Industrial Socket)	400V63A * 1	400V125A * 1	400V125A * 1
Others	Thermal Management Architecture	Liquid cooled		
	Communication Protocol	OCPP 1.6J		
	Temperature Range	-20~60°C		
	HMI	10-inch		
	Protection Degree	Whole Machine IP54, Battery System IP65		
Size and Weight	Dimension (L*W*H mm)	1950 * 1200 * 1200	2350 * 1320 * 1520	3000 * 1650 * 1850
	Weight (kg)	1420	2600	4800

CONTACT



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*Data and specifications are subject to change without prior notice.
Details in this document are as per the information supplied by the OEM
Please contact your local distributor for more information*