

E-VALUE



From Zero to Go

640kW HyperCharge

Application Place



Highway Rest Area



Electric Bus



Charging Business
Station



Business fleet



Parking lot

Specification

Model Name		DBFM-640B	DBFM-480B	DBFM-400B	DBFM-240B	
Power Cube						
	Input parameters	AC Voltage	3-phases , 380Vac(±10%)			
		AC Frequency	50HZ~60HZ			
		Max input current	1229A	922A	748A	461A
		Power Factor	≥0.99	≥0.99	≥0.99	≥0.99
	Output parameters	Output Voltage	150Vdc ~ 1000Vdc	150Vdc ~ 1000Vdc	150Vdc ~ 1000Vdc	150Vdc ~ 1000Vdc
		Max DC output current	2x500A、 2x300A	2x500A、 2x300A	2x500A、 2x300A	1x500A、 1x300A
		Max system efficiency	>= 95%	>= 95%	>= 95%	>= 95%
		Max DC output power	640kW	480kW	400kW	240kW
	Dimension		1200x850x2000 mm	1200x850x2000 mm	1200x850x2000 mm	1200x850x2000 mm
	Weight		855KG	765KG	720KG	630KG
Charging Dispenser						
liquid cooled  air cooled 	Input parameters	AC Voltage	150Vdc~1000Vdc	150Vdc~1000Vdc	150Vdc~1000Vdc	150Vdc~1000Vdc
		Configuration	1 power cube for 3 dispenser			
	Output parameters	Output Voltage	150Vdc~1000Vdc	150Vdc~1000Vdc	150Vdc~1000Vdc	150Vdc~1000Vdc
		Output current	1600A	1200A	1000A	600A
		Max DC output power	640kW	480kW	400kW	240kW
	Connector		CCS1/CCS2			
	Cable Length(m)		5m			
	Dimension		liquid cooled:600x380x2200 mm , air cooled: 604x370x1603 mm			
	Weight		liquid cooled:176KG , air cooled: 120KG			
			Function and Interface			
	HMI		7" TFT Touch Screen LCD			
	Metering		Emergency button/Operation button			
	Identity verification		Auto full charge/Charge time/Charge energy/Payment			
	Charging and Billing Modes		RFID / APP / Identity verification			
Protection						
	Protection function		Complete safety package, including output contacts and fuses, ESD, SPD, leak current switch, insulation tester, and multiple protection logics.			
Working environment						
	Ambient temperature		-25°C ~ +50°C			
	Storage temperature		-40°C ~ +70°C			
	Protection Class		Power Cube: IP54 、 Charging Dispens:IP55			
	Working humidity		5% ~ 95%			
	Working altitude		Under 2000m			
Certification						
	Charging Standard		CNS cert. pending			
	Communication		Ethernet/3G/4G/WiFi/ OCPP1.6			

