

PowerFlex X Enabled ZeroVa DS 90-180



Charger Specifications

Subject to change, refer to zerovatech.com

	DS 90	DS 120	DS 150	DS 180
AC Input Voltage	CE/CNS/TR25: 3 Φ _380~415Vac, $\pm$ 15% (50/60hz) UL: 3 Φ _480Vac, +10%, -15% (50/60hz)	CE/CNS/TR25: 3 Φ _380~415Vac, $\pm$ 15% (50/60hz) UL: 3 Φ _480Vac, +10%, -15% (50/60hz)	CE/CNS/TR25: 3 Φ _380~415Vac, $\pm$ 15% (50/60hz) UL: 3 Φ _480Vac, +10%, -15% (50/60hz)	CE/CNS/TR25: 3 Φ _380~415Vac, $\pm$ 15% (50/60hz) UL: 3 Φ _480Vac, +10%, -15% (50/60hz)
AC Input Current Rating	Max: 173A Nominal: 116A	Max: 230A Nominal: 155A	Max: 289A Nominal: 194A	Max: 345A Nominal: 233A
Max. Input Power	98kVA	130kVA	163kVA	196kVA
Connection/Power Grid System	3P+ N+ PE , TN/TT			
Power Factor	>0.99			
Efficiency	>94%			
DC Output Voltage	150 ~ 950V	150 ~ 950V	150 ~ 950V	150 ~ 950V

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Simultaneously Output Mode	Dynamic distribution			
DC Output Current	CCS air cooling 300A, CHAdeMO 200A /125A			
Dimension	800x650x1900 mm / 32 x 26 x 75 inch			
Weight (+/-3%)	480kg / 1058lbs	500kg / 1102lbs	510kg / 1124lbs	540kg / 1190lbs
Cable Length	Standard: 4.5m / 15ft (Optional 6.5m / 22ft or 7m / 23ft)			
Operating Temperature	-30~50°C / 22~122°F			
Humidity	5~95%			
IP/IK Rating	IP55 IK10 (HMI IK8) NEMA 3R IK10 (HMI IK8)			
EMC/EMI	IEC.61851-21-2, CNS 15511-21-2, FCC Part 15 Subpart B, ICES-003			
Safety	IEC.61851-1, IEC.61851-23, CNS 15511-1, CNS 15511-23, UL 2202, UL 2231			
Input Protection	OVP, UVP, OCP, OPP, OTP, SPD, RCD			
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD			
Backend Support	OCPP 1.6 JSON,OCPP 2.0 core profile *Simultaneously connect to client & maintenance server			
Display	7inch			
User Authentication	QR code, RFID, Credit Card (Optional)			
External Communication	4G/ Wi-Fi/ Ethernet (RJ45) *Option:Wi-Fi or dual 4G			

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