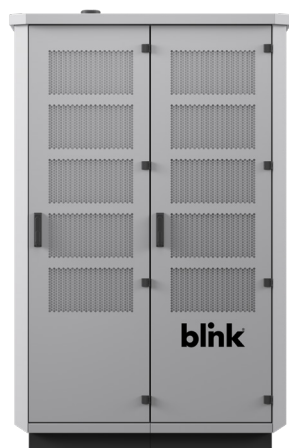


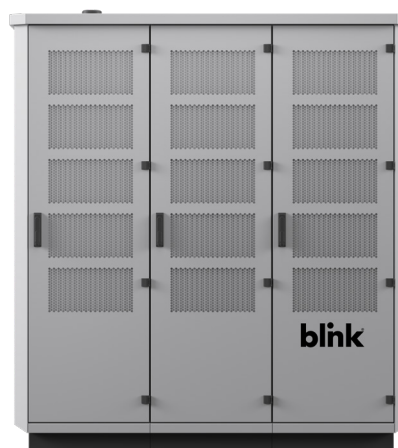
DC Distributed System - Power Unit Technical Specifications



C501 Model - Single Cabinet



C502 Model - Double Cabinet



C503 Model - Triple Cabinet

ELECTRICAL – DC OUTPUT

Cabinet Model	C501	C502	C503
Output current	Up to 500A	Up to 1000A	Up to 1500A
Power	50 - 600kW	50 - 400kW	50 - 600kW
Output voltage	150 - 500 VDC without adaptive voltage 150 - 1000 VDC with adaptive voltage		

ELECTRICAL – AC INPUT

Number of Ports Supported	Supports maximum of 6 ports per cabinet with optional port module
Input current requirements	64A - 256A depending on configuration of Power Modules
Voltage	480VAC $\pm 10\%$
Input frequency	50/60 Hz $\pm 5\%$
Efficiency at full load	96%
Standby power	C501: Max. 0.140 kW, C502: Max. 0.280 kW, C503: Max. 0.420 kW

SAFETY

Electrical protection	Over/Undervoltage protection, overload protection, earth leakage current monitoring, short circuit protection, surge protection
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FUNCTIONAL

Data communication	Ethernet, Wi-Fi, Cellular
Backend protocol	OCPP 1.6J/OCPP 2.0.1

ENVIRONMENTAL

Enclosure	NEMA 3R, IP54
Operating humidity	< 95% relative humidity
Operating temperature	-22...131 °F/-30...+55 °C

MECHANICAL

Dimensions	30.9 x 87.2 x 35.6 in	54.6 x 87.2 x 35.6 in	78.2 x 87.2 x 35.6 in
Approximate weights	928 lbs -3210 lbs		

REGULATION

Safety	UL 2202, UL 2231-2 CSA Std. c22.2 No. 281.2, CSA Std. c22.2 No. 107.1
EMI	FCC 47 CFR Part 15 Subpart B, Class A
General	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, IEC 61851-24