

Lynkwell LW141-DC480

Available Configurations:
320 kW, 400 kW, 480 kW

All-In-One Charging Unit



Key Features

Scalable output from 40-480kW in 40kW increments

OCPP 1.6J (OCPP 2.0.1 Optional)

ISO 15118

300A Cables with 400A Boost

Lynkwell LW141-DC480

Specifications

DC Output

Output Power	320kW; 400kW; 480kW
Minimum adjustable power	40kW
Output voltage	150–1000V
Output current	Liquid Cooling: 500A (Max. 650A) Air Cooling: 400A (Max. 500A)
Peak efficiency	96%
Number of outputs (Max.)	2 OR 4
Charging Mode	2CCS1; 2NACS; 1CCS1+1NACS; 4CCS1; 4NACS
Earthing system	3P+PE

AC Input

Input voltage	3-phase 480V AC +10%/-15% (2 Routes)
Input frequency	60Hz
Grid type	TN-S, TN-C, TN-C-S, TT
Power factor	≥0.99
Harmonic distortion (THDi)	<5%
Overvoltage category	AC side (Input) OVC: III

General Specifications

Dimensions (W×D×H)	782mm × 782mm × 2150mm
Connectivity	Double SIM 4G, 5G, Wi-Fi, Ethernet
Screen type	15.6 inch LCD Touch Screen (1920×1080); 8 inch, 27 inch (Optional)
Cable length	5m; 7.5m (Optional)
Standby power	<85W (Depending on configuration)
Enclosure rating	NEMA 3S
Communication to the EV	ISO/IEC 15118 with PnC, DIN 70121

General Specifications

Software update	OTA updates via web portal, FTP, FTPS, HTTPS
Accessibility	Meets ADA requirements for height, reach, and user interface
Emergency button	Yes
Warranty	24 months, warranty extension possible

User Interface

Status indication	Standard
Languages	English, French (others available via software upgrade)
Credit card readers	Nayax VPOS; Payter P68/ Apollo; PAX IM30; Castle S1U2
RFID protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE
User authentication	AutoCharge, Plug & Charge, APP, RFID card, QR code, Credit Card (Optional)
Communication protocols	OCP1.6J (OCP1.2.0.1 Optional)
Cable management system	Standard

Environmental Specifications

Humidity	<95% RH, non-condensing
Operating altitude	2000m
Operating temperature range	-35°C ~ 55°C / -31°F ~ 131°F
Storage temperature range	-40°C ~ 70°C / -40°F ~ 158°F
Noise	≤55dB (Silent Model)
EMC compliance	EMC Class A
Compliance and safety	UL 2202, UL 2231-1, UL 2231-2, NEC Article 625, CSA C22.2 No. 107.1-16
Certification	UL/cUL, FCC

All USA-Based Team



Lynkwell reserves the right to alter product offerings and specifications at any time without notice. Lynkwell disclaims any and all liability for errors, inaccuracies or incompleteness that may appear in this document. This document does not expand or otherwise modify Lynkwell's terms and conditions or product warranty expressed therein.

lynkwell.com

Follow us  

(833) 611-5965



Scan QR Code
Contact Form