

BUSINESS BROCHURE
EV CHARGER

KEVO
POWER



www.kevopower.com

DC SERIES III

Standard Fast EV Charger

DC 20KW 30KW 40KW Dual Guns

KP-D40D-III



7-inch Color Touch Screen

User-friendly interface with crisp visuals for an effortless charging experience.



4G / Ethernet / WIFI

Flexible multi-mode network communication for stable, real-time remote management.



Communication Protocol: OCPP 1.6J / 2.0.1

Seamless smart connectivity and backend integration powered by universal OCPP 1.6J protocol.



IP Grade: IP55 Waterproof

Robust IP55 waterproof protection, engineered to withstand heavy rain and dust.



Modular Design for Maintenance

Simplified maintenance and independent power module replacement, minimizing station downtime.



Noise: ≤65db

Ultra-quiet operation at ≤65dB, perfect for quiet residential and commercial zones.



Working Temperature: -30°C to 70°C

All-weather durability, performing flawlessly in extreme climates from -30°C to 70°C.

PRODUCT PARAMETERS

Model	KP-D20D-III		KP-D30S-III	KP-D40S-III
Input voltage	AC380V Three-phase five-wire			
Input voltage range	380Vac±20%			
Maximum input current	32A		58A	76A
Operating frequency	50/60Hz			
Output voltage range	50-1000VDC			
Maximum output	63A		100A	133A
Output power	20KW		30KW	40KW
Power switching				
THDi	≤5% (Input 380V, Output 1000V, 50%-100% Load)			
Input surge current	≤110% of rated input current			
Power factor	≥0.99 (50%-100% output power, nominal input voltage and frequency)			
	≥0.95 (20%-50% output power, nominal input voltage and frequency)			
Voltage regulation	≤±0.5% (-30℃~+55℃)			
Current stabilization	≤±1% (-30℃~+55℃, 20%-100%Load current)			
Output ripple	Ripple peak coefficient ≤ ±1% (input voltage at 85%, 100%, 115%)			
Overall machine efficiency	≥96% (100% full load output power)			
Standby power consumption	≤15W			
Heat dissipation	air-cooled			
Noise	≤75db(1 meter away)			
Cable specifications	Cu : 3*10+2*6mm ²		Cu : 3*16+2*10mm ²	Cu : 3*25+2*16mm ²
	Al : 3*25+2*16mm ²		Al : 3*25+2*16mm ²	Al : 3*35+2*25mm ²
Relevant standards	Meets technical requirements:GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015			
Charging Gun	5m charging gun (length customized available)			





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