

PDM90-240

90-240kW Integrated DC EV Charger



90-240kW
High Efficiency & Double
Gun



Identify EVs Model &
Match
the Best Charging
Solution



IP55 and IK10 Design with
High Protection and High
Reliability for Harsh
Environment



Fast Charging
in 1h

PDM90-240

90-240kW Integrated DC EV Charger

Model	PDM90	PDM120	PDM180	PDM240
Power Input				
Phases / Lines	3 Phase + Neutral + PE			
Voltage	AC 400 V ± 10%			
Frequency	50/60Hz ± 5%			
Power Output				
Voltage	DC 200 ~ 1000V			
Current	Max. 250A	Max. 250A*2	Max. 250A*2	Max. 250A*2
Power	Max. 90 kW	Max. 120 kW	Max. 180 kW	Max. 240 kW
Charging Way	30kW+60kW/90kW Single Gun	Equipartition		
Communication				
Charger v.s. EV	PLC (DIN 70121: 2014-12 / ISO15118)			
Communication Protocol	OCPP 1.6-JSON			
Interface	Ethernet / LTE			
System				
Cooling Mode	Forced Air Cooling			
Installation Mode	Floor-stand			
Charging Outlet	CCS2 + CCS2			
Cable Length	5m			
HMI	10.1 inch Capacitive Touch Screen			
Payment Mode	Mifare Card / QR Code			
Energy Meter	CE Type (Mid/PTB Options)			
Efficiency	> 94%			
Power Factor	> 0.99 @ Full Load; > 0.98 @ Half Load			
Harmonics	ITHD < 5%			
Noise Level	< 75dB			
Enclosure Material	Galvanized Steel			
Environmental Index				
Operating Temperature	-30°C ~ +50 °C			
Working Humidity	5% ~ 95% without Condensation			
Working Altitude	< 2000M			
Protection Grade	IP55 IK10 (Screen IK08)			
Safety Protection				
Multiple Protection	Over/Under Voltage Protection, Overload Protection, Short Circuit Protection, Over Temperature Protection, Grounding Protection, Surge Protection, etc.			
Certification	CE			

The above data is from laboratory tests, equipment data may fluctuate due to different factors, for reference only, please refer to the actual situation for details.