

GEAR-ONE

3C Split-type e-Scooter DC EV Charger Smart Multi-Car Charging for Maximum Space Efficiency



Scenarios



Specifications

Type		Wall-mounted/ Stand-alone		
Model		HVPS1-Y	HVPS2-Y	HVPS3-Y
Input		Single-Phase 220VAC 50/60Hz		
		<50A	<100A	<150A
Output		8kW	16kW (8kWx2)	24kW (8kWx3)
		50-120VDC		
User Interface		Button Operation		
User Authentication		Back-stage		
Back-End Communication		RS-485 / Ethernet		
Ingress Protection		IP55 (Terminal) 、 IP45 (Cabinet)		
Mechanical	WxDxH	Cabinet : 824mm x 540mm x1630mm Terminal (without stand) : 283mm x 202mm x 430mm Terminal (with stand) : 300mm x 383mm x 1493mm		
	Weight	220 kg / Cabinet 、 12 kg / Terminal 、 20 kg / Stand		
Protection		Overcurrent / Overvoltage / Undervoltage / Insulation detection / Overtemperature / Short circuit / Ground Fault Protection / Surge Protection / Residual Current Protection		
Regulation Compliance		RCNS 16128 、 IEC 61851-1 、 IEC 61851-25 、 IEC61851-21-2		
Charging Time		15-40 min		



Multi-Vehicle Charging, up to 3 Vehicles Simultaneously

Supports up to 3 vehicles with flexible terminal configurations for optimal space use.



Certified Safety Standards

Complies with IEC and CNS DC regulations with built-in multi-layer protection for every safe charge.



Supports 3C+BMS Ultra-Fast Charging

Optimized for BMS, ensuring stable and rapid charging.



Space-Saving Installation

Wall-mounted or pedestal options-ideal for communities, parking lots, and hotels.



Smart Connectivity & Remote Management

Cloud-based monitoring and payment integration for efficient operations.

