



Model

LP-P8D1



Item	Parameter / Description	Remarks
Product Name	EV Charging Cable Anti-Theft Protector	Designed for high-value charging cables, providing physical protection and electronic anti-theft security.
Core Function	1. Physical Protection: Prevents cable from crushing, abrasion, and scraping by vehicles.	Key selling points
	2. Anti-Theft Security: Prevents unauthorized gun disconnection and cable theft via electronic locking mechanism.	
Compatible Cable	AC/DC Charging Cables with max. 80A continuous current.	For high-power charging applications.
Main Material	Sheet Metal / High-Strength Structural Steel	Ensures structural integrity, impact resistance, and vandalism resistance.
Surface Treatment	Heavy-Duty Outdoor Powder Coating (Std. Color: RAL 7035 Light Grey)	Excellent weather ability and corrosion resistance.
Opening/Locking Method	APP Authorization Control. User authorization via dedicated APP for remote or proximity lock operation.	Enables smart management and enhanced security.
Locking Mechanism	Built-in Heavy-duty Solenoid Lock or Motor-driven Bolt.	Ensures locking strength.
Power Supply	External DC Power Supply (e.g., 12V/24V DC) or Solar Panel + Battery option.	External power source required on site.
Ingress Protection	IP65	Dust-tight and protected against water jets from any direction. Suitable for outdoor use.
Dimensions	Custom-designed to perfectly fit the outer diameter and bending radius of the target 80A cable.	Final dimensions subject to confirmation based on specific cable model for optimal protection.
Cabinet Dimension (W×D×H)	19.69" ×14.17" × 78.74" (500mm×360mm×2000mm)	
Weight	220.46lbs(100kgs)	The heavy sheet metal structure is the physical basis for its anti-theft and protective capabilities.
Packaging Information		
Packing Method	Solid Wooden Case, with high-density foam for full protection and cushioning.	Provides sturdy shipping protection for the 85kg heavy product.
Package Contents	Protector Body, Installation Accessory Kit, User Manual.	
Quantity per Case	1 pc/case	
Gross Weight (per Case)	110 kgs	
Case Dimensions (Approx.)	20.87" ×18.5" × 81.5" (530mm×470mm×2070mm)	Customized based on final product size, with approx. 10cm buffer space around.