

Hydrus

Hydrus/Hydrus Pro/Hydrus Plus Dispenser



Fleet Depot



Destination



Public Charging



CCS2



GB/T



Hydrus

The Hydrus series consists of charging terminal products launched by Wanbang Digital Energy for public charging, commercial real estate and fleet operation scenarios. It covers full power ranges from AC slow charging to DC ultra fast charging. With a modular structure, the series enables flexible configuration and remote management.



Bridge Power

The terminal is equipped with a bridge relay, and time-sharing multiplexing can achieve a full matrix for a single gun.



Space-Saving

Only 0.125m' footprint, 75% smaller than the previous generation



Interface Compatibility

Support CCS2 and GB/T



User Friendly Experience

Boasting a 1000 nit screen, 20% brighter than conventional displays. The lightweight charging gun cuts handling weight by 40%. The ergonomic gun holder simplifies cable pick up and placement. Plug and charge function is available.

Specifications

Specifications are subject to change without notice.

	Hydrus	Hydrus Pro	Hydrus Plus
General Information			
Charging Interface	CCS2+CCS2, CCS2+GB/T	CCS2+CCS2	CCS2+CCS2, CCS2+GB/T
Output Voltage	150-1000V DC		
Output Current	250A rated (400A max.)	400A rated (600A max.)	600A rated (800A max.)
User Interface			
Display	7-inch touch screen		
Button	Emergency stop button		
User Authentication	RFID QR code, APP (optional), Free charging, MAC authentication, credit/debit card(optional)		
Communication			
Network Interface	Ethernet		
EV Communication Protocol	DIN 70121, ISO 15118		
Environmental			
Operating Temperature	-30°C to +50°C		
Storage Temperature	-40°C to +70°C		
Humidity	5% to 95% (no condensation)		
Altitude	≤2000m		
Corrosion Protection Class	C3-M		
Mechanical			
IP Rating	IP55		
IK Rating	IK10		
Cooling	Air-cooled	Air-cooled	Liquid Cooling
Cable Length	5m （other lengths are optional）		5m
Cable Management System(CMS)	Swing Arm version		
Dimensions (WxDxH)	500 x 1700 x 250mm (Without CMS)	500 x 1700 x 250mm (Without CMS)	500 x 1900 x 450mm (Without CMS)
Weight	Approx. 180kg	Approx. 182kg Approx. 12kg CMS	Approx. 198kg
Installation	Ground mounting		
Certification and Standards			
Standards and Compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU		
Certification	CE, CB		

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