

DIJIYA

電動汽車智能充電樁

Intelligent EV charging post

- (1) 直流充電樁面板上的人機交互介面採用彩色液晶觸控式螢幕，在充電時可顯示輸出電壓/電流、電量、充電時間、電池組電壓/電流、最高/最低單體電池電壓及溫度；參數設置可直接通過液晶觸控式螢幕設置完成。
 - (2) 直流充電樁在進行充電時可以提供BMS電源，內部電源最大輸出為DC 12V。
 - (3) 直流充電樁的操作方式分為兩種：手動充電與自動充電；①手動充電模式可以設置充電參數，進行充電。②自動充電模式時系統可以根據BMS參數進行自動充電，充滿自動停止充電。
 - (4) 直流充電樁具有2路CAN對外通訊介面，可實現與包含車輛電池管理系統（BMS）在內的多種對外通訊任務，BMS能通過CAN通訊協定發送的相關資料控制充電樁。
 - (5) 直流充電樁，自身具有輸入過壓、欠壓、缺相、限流，輸出過壓、過流、短路，過熱保護等功能。
- (1) DC Charging Post provides DC charging voltage up to 60KW.
 - (2) Real-time Charging Voltage, Current, Time and Temperature for Pack and Cell displays in Color touch-screen LCD monitor.
 - (3) Charging parameter settings are able to be directly edited on the touch-screen monitor.
 - (4) Automatic and Manual charging Modes:
 - ① In the Automatic mode, Charging post can complete the charging automatically based on the data preset by BMS module in the EV.
 - ② In the Manual mode, user can adjust the charging parameters on the touch-screen LCD monitor and complete the charging.
 - (5) Two Canbus interfaces available provided by the Charging Post. Through Canbus interface, it can handshake and communicate many critical charging parameters with the BMS module in the EV.
 - (6) Protection features: IOVP, IUVP, Phase lacking, OVP, OCP, Short and OTP.



名稱 Parameters	規格內容 Specifications		備註 Remark
	120KW	60KW	
輸入線電壓 Input Voltage	380V±15%	380V±15%	Standard 380V Option 220V
相位 Phase	三相五線制 Three-phase five-wire	三相五線制 Three-phase five-wire	R(A)、S(B)、T(C)、 N、GND
頻率 Frequency	50/60HZ±10%HZ	50/60HZ±10%HZ	
輸出電壓範圍 Output Voltage Range	100—750V	100—750V	連續可調 Continuous Programmable
輸出電流範圍 Output Current Range	0—200A	0—100A	連續可調 Continuous Programmable
額定輸出功率 Rated Output Power	120KW	60KW	600V以上滿足恒功率輸出 Maximum power output only with > 600V output
輸出電壓誤差 Voltage Output Accuracy	≤0.2%	≤0.2%	全輸出範圍內 Full Range
輸出電流誤差 Output Current Accuracy	≥30A : ≤±0.5%	≥30A : ≤±0.5%	
	<30A : ≤±0.1A	<30A : ≤±0.1A	
穩壓精度 Voltage Regulation Accuracy	≤0.2%	≤0.2%	全輸出範圍內 Full Range
穩流精度 Current Regulation Accuracy	≤0.5%	≤0.5%	全輸出範圍內 Full Range
輸出紋波 Ripple	≤0.5%	≤0.5%	
整機效率 Overall Efficiency	≥94%	≥94%	
絕緣電阻 Dialectical Insulation	≥10MΩ	≥10MΩ	測試電壓 1000VDC Test Voltage 1000Vdc
噪音 Acoustic Noise	≤55dB	≤55dB	
防護等級 Ingress Protection	IP54	IP54	
冷卻方式 Cooling	風冷 Forced Air cooling	風冷 Forced Air cooling	

規格如有更改，恕不另行通知
Specifications are subject to change without notice