



Integrated XY DC-EEC2-(60-240)

	Model		XY DC-EEC2-60	XY DC-EEC2-120	XY DC-EEC2-160	XY DC-EEC2-180	XY DC-EEC2-240
	Input						
	Voltage Range		400Vac±15%				
	Maximum Current		107.4A	214.9A	286.5A	322.3A	429.7A
	Rated Frequency		50/60Hz				
	Power Factor		>0.99				
	Output						
	Voltage Range		200-1000Vdc				
	Voltage Range in Constant Power Mode		300-1000Vdc				
	Current Range		2-200A	2-400A	5-532A	5-600A	5-800A
	Max Output of a Single Connector		200A	400A	400A	400A	400A
	Customer Interface						
	Display		Type: 32" HD true color anti-glare LCD; Operating Temperature Range: -20~70°C Brightness: >1500 nits; Contrast:1200:1; Interface: Capacitive touch screen				
	Type of Connector		CCS2, GB/T				
	Max Number of Connectors		2				
	Connector Communication Mode		In accordance with DIN 70121 and ISO15118 standard				
	Cable Length		5m (7.5m Optional)				
	Safety						
	Optimized Power Module for Better Integration		Customized charging mode to prevent the mis operation of human factor				
	Interface Safety Protection		Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection				
Ingress Protection Rating		IP54 (IP55 Optional)					
Impact Protection		Cabinet IK10, Screen IK08					
Protection		Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection					
Emergency Stop		Disconnect the charger and EV to prevent emergency incidents					
Certification Standard		IEC 61851, IEC 62196, DIN 70121, ISO15118					
Certification		UKCA, CE, CB					
System							
Peak Efficiency		≥ 95.8%					
Power Module		30kW	30kW	40kW	30kW	40kW	
Ripple Coefficient		<0.5					
Current Sharing Coefficient		<5%					
Stabilized Voltage Precision		<0.5%					
Stabilized Current Precision		<1%					
THDi		≤ 5%					
Protocol		OCPP1.6, OCPP2.0.X (Pending)					
Environment							
Installation		Floor Standing					
Noise		≤65dB					
Operate Temperature Range		-30°C - 50°C					
Relative Humidity		5%-95% (No condensation)					
Cooling		Intelligent Air-cooling					
Operating Altitude		2000m (Derate from 2000m to 3000m)					
Dimension (Connectors not included)		W × H × D: 800 × 1880 × 500mm					
Weight		≈ 230kg	≈ 260kg	≈ 280kg	≈ 300kg	≈ 330kg	

Integrated XY DC-EC240-(80-240)kW

	Model		XY DC-EC240-80kW	XY DC-EC240-120kW	XY DC-EC240-160kW	XY DC-EC240-200kW	XY DC-EC240-240kW
	Input						
	Voltage Range		400Vac±15%				
	Rated Current		121A	182A	243A	303A	364A
	Rated Frequency		50/60Hz				
	Power Factor		>0.99				
	Output						
	Voltage Range		200-1000Vdc				
	Voltage Range in Constant Power Mode		300-1000Vdc				
	Current Range		2-266A	5-399A	5-500A	5-500A	5-500A
	Maximum Output of a Single Connector		250A	250A	250A	300A	300A
	System						
	Peak Efficiency		≥95%				
	Power Module		40kW	40kW	40kW	40kW	40kW
	Ripple Coefficient		<0.5				
	Current Sharing Coefficient		<5%				
	Stabilized Voltage Precision		<0.5%				
	Stabilized Current Precision		<1%				
	THDi		≤5%				
	Protocol		OCPP1.6J				
Customer Interface							
Display		Type: 7" HD true color anti-glare LCD					
Type of Connector		CCS2, GB/T					
Maximum Number of Connectors		2					
Connector Communication Mode		In accordance with DIN70121 and ISO15118 standard					
Safety							
Optimized Power Module for Better Integration		Customized charging mode to prevent the mis operation of human factor					
Interface Safety Protection		Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection					
Ingress Protection Rating		IP55					
Protection		Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection					
Emergency Stop		Disconnect the charger and EV to prevent emergency incidents					
Certification Standard		IEC 61851, DIN 70121					
Environment							
Installation		Floor Standing					
Noise		≤65dB					
Operating Temperature Range		-30°C - 50°C					
Relative Humidity		5%-95% (No condensation)					
Cooling		Intelligent Air-cooling					
Operating Altitude		2000m (Derate from 2000m to 3000m)					
Dimension (Connectors not included)		W × H × D: 850 × 2000 × 600					
Weight		≈220kg	≈270kg	≈270kg	≈340kg	≈340kg	