



IN CHARGE OF TOMORROW **JAE'S KW SERIES: PIONEERING DESIGN & PROVEN QUALITY**

- Innovative design and performance features for long lasting reliability
- Double insulation structure for increased safety performance
- Extremely powerful, robust and user-friendly design

Technology to Inspire Innovation

JAE

JAE'S KW SERIES: PROGRESSING PERFORMANCE & POSSIBILITIES

JAE's high quality KW connector series for electric vehicles (EV) features a durable and lightweight design that uses the most advanced and robust materials in the industry. All KW connectors ensure a reliable and safe user experience paired with excellent operability under even the most rugged conditions. In particular, the innovative single-action mating offered by every KW connector allows even novice users to handle with ease. The KW series currently includes a wide variety of CHAdeMO-compliant connectors and CCS Type-1 (KW11). JAE can also offer CCS Type-2 (KW21) for low current DC charging coming soon. Charging solutions greater than 300A are in development. They are developed using the latest weather-resistant plastic materials, enabling next-level application possibilities without loss of performance or reliability.

CHARGING RE-DEFINED: THE COMPACT SOLUTIONS KW21 AND KW11



KW21



KW11

Thanks to their innovative plastic housing, the KW21 and KW11 charging connectors provide a robust light-weight compact design. Their ergonomic grip structure enables comfortable handling and ease of use. Furthermore, the design ensures high weather resistance, making all crucial internal components water and dust proof. Even if the outer body is damaged, the connector can still maintain the water protection of power contacts, because the inner housing is waterproof. In addition, the KW11 is equipped with metal core latch to avoid breakage.





APPLICATIONS

- Residential Areas
- City Parking Lots
- Rest and Service Areas
- Bus Terminals
- Office Building Parking Lots

KEY FEATURES

- Weather resistant plastic body with durable design (IEC62196-1/3)
- IP56 (while mated)
- Suitable for supporting V2X compatible vehicles and Electric Vehicle Supply Equipment (EVSE)
- Rated nominal DC voltage 1000V

CURRENT LINE-UP

Product	KW1	KW02	KW03	KW1C/E
				
Standard	CHAdeMO	CHAdeMO	CHAdeMO	ChadeMO
Rated Current	125 A	25 A	80 A	150 A
Rated Voltage	500VDC	450 VDC	500VDC	500 VDC
Approvals	JCS/ UL/ CE	JCS/ CE	JCS/ UL/ CE	JCS (C)/ UL (C)/ CE (C/E)
Operating Temp.	-30°C...+50°C	-30°C...+50°C	-30°C...+50°C	-30°C...+50°C
Power Class	Fast Charging	Slow Charging (w/V2X)	Mid Charging (w/V2X)	Fast Charging (w/V2X)

COMING SOON

Product	KW02C	KW07C	KW11	KW21
				
Standard	CHAdeMO	CHAdeMO	CCS1	CCS2
Rated Current	40 A	200 A	125 A/ 200A	40A/ 80A
Rated Voltage	500VDC	750VDC	1000VDC	1000 VDC
Approvals	JCS/ UL/ CE	JCS/ UL	UL	CE
Operating Temp.	-30°C...+50°C	-30°C...+40°C	-30°C...+50°C	-35°C...+50°C
Power Class	V2X DC Charging	Fast Charging	Fast Charging	V2X DC Charging

ROADMAP

System	Output	CHAdeMO			CCS-1	CCS-2	NACS	ChaoJi
		EU	JP	US	US	EU	US	CH
		CE	JCS	UL	UL	CE	UL	CCC
HPC	600 A							
	400A					KW22 In Development		
Fast Charging	300 A						KW51 In Development	
	200A		KW07C					KW3X Sample Planning
	150A	KW1E/C	KW1C		KW11			
	125A		KW1					
V2X	80A	KW03/ KW03C				KW21 Coming Soon	KW52 In Development	
	40A	KW02C						
	25 A	KW02						

MARKET-LEADING TECHNOLOGY

JAE's innovative EV technology is fueling the future of electric mobility. Our EV connectors facilitate and accelerate the path to a responsible, mobile future with flawless performance, backed by great versatility and flexibility through high quality mass production and customization options. [JAE connects mobility and sustainability.](#)

[Connect with JAE](#) – and find out how our innovative manufacturing processes, outstanding production capacities and unsurpassed reliability can enhance your next design.

TECHNOLOGY & INNOVATION

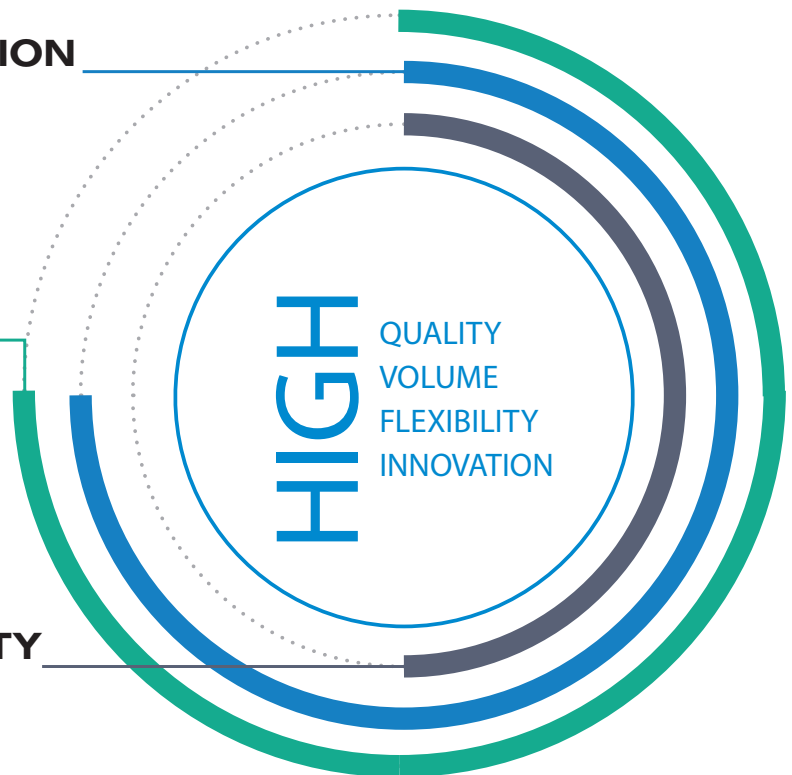
JAE develops and delivers high quality, innovative industry-leading connectors.

CAPACITY & FLEXIBILITY

JAE's global footprint enables flexible capacity and fast response time to customer requirements.

EXPERIENCE & CREATIVITY

JAE excels above the rest with innovative new ideas and creativity backed by years of experience and know-how.



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