

NAILI

Since 1999

ABOUT US

Naili-Controls focuses on the Research, Development, Production and Sales of electric vehicle power system products, providing complete power system in technical solutions to vehicle factories, including hardware, software and system integration services.

Naili-Controls strictly implements the Quality Management System in accordance with the IATF16949 standard, also obtained CE and ECE R10 certifications. It possesses core technologies for electric vehicle power systems, which has an outstanding team composed of a group of top industry technical talents, and is capable of conducting pioneering development, production and services for products in areas such as Power Electronics, Motor Control, Motor Design, Air Compressor Design and Mechanical-electrical Integration.

Certifications



Naili-Controls

One Branch of NAILI Group

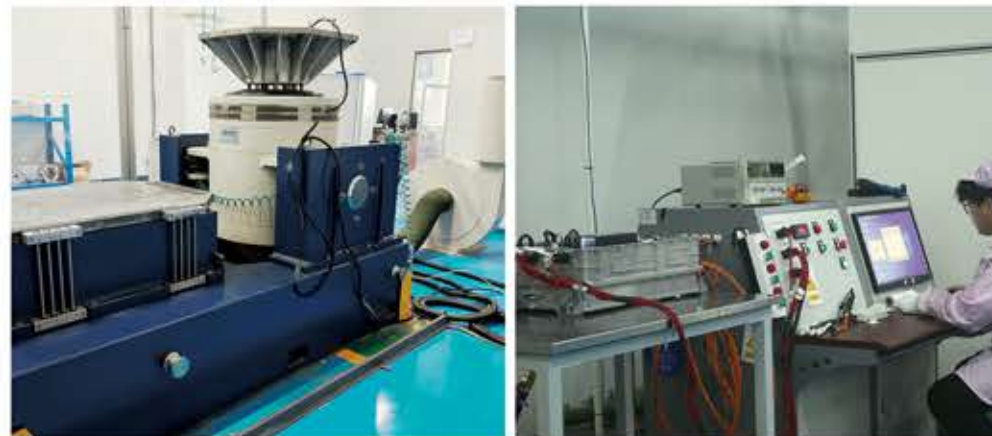


Company Show



Humidity and HIGH-TEMP Test

Anti-aging Test

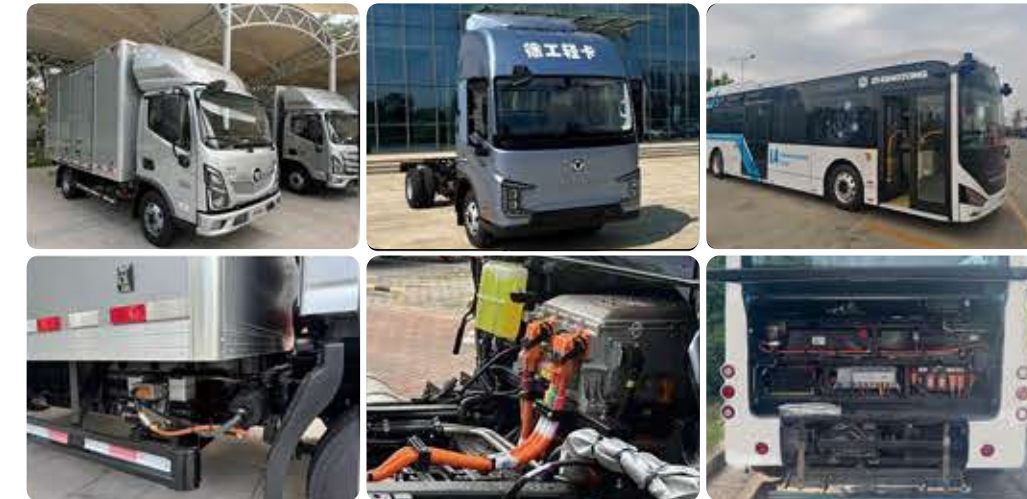


Vibration Test

Process Quality Control Test



Applications



CUSTOMERS 1000+ VEHICLE FACTORY 80%



Motor Controller

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One-in-One Type

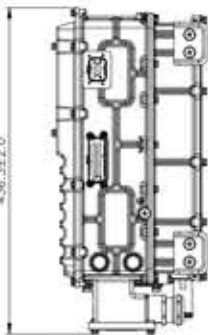
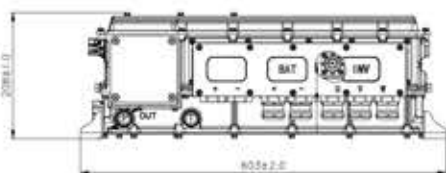
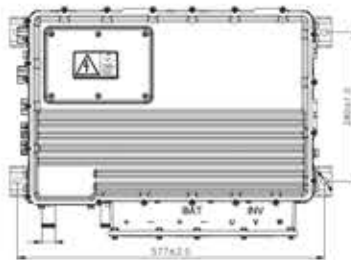
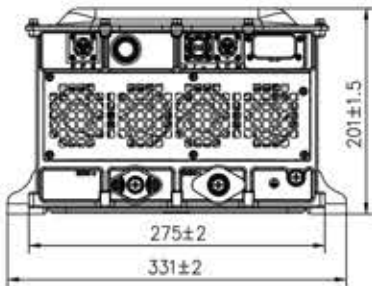
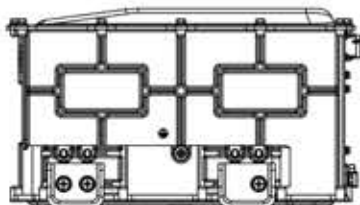
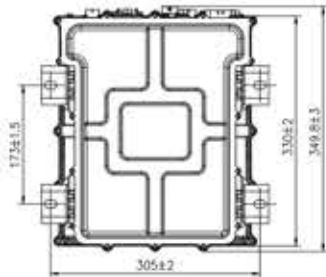
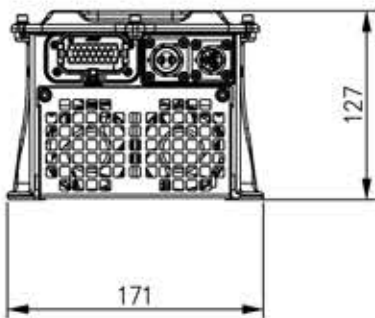
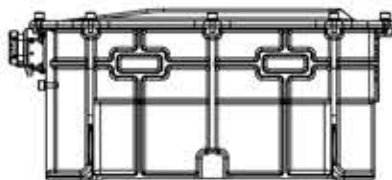
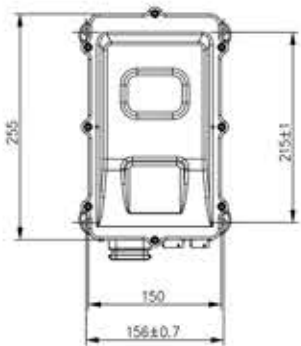
KTZ60W03F2

Three-in-One Type

KTZ60W03F7

Five-in-One Type

KTZ60X60S4



H-vol. L-vol Power	KTZ60W03F2	Unit
Low voltage range	9~32	V
High voltage range	240~1000	V
High rated voltage	600	V
High minimum input voltage	250	V
Power cable specification(recommended)	2.5	mm ²
Three phase output	KTZ60W03F2	Unit
Rated output current(effective value)	13	A
Maximum output current(effective value)	27.5@60s、30@30s	A
Rated output power	6	kW
Maximum output power	13	kW
Efficiency	0.97	
Ambient & Mechanical parameters	KTZ60W03F2	Unit
Weight	3.5	kg
Level of protection	IP67	
Cooling mode	Forced cooling	
Operating ambient Temp	-40~+65	°C

H-vol. L-vol Power	EPS	ACM	DCDC	Unit
Low voltage range	9~32	9~32	9~32	V
High voltage range	240~1000	240~1000	240~1000	V
High rated voltage	600	600	600	V
High minimum input voltage	250	250	250	V
Power cable specification (recommended)	2.5	2.5	25/50	mm ²
Three phase output	EPS	ACM	DCDC	Unit
Rated output current	13	13	110/218	A
Peak Current@60s	27.5@60s、30@30s	27.5@60s、30@30s	130@6min/-	A
Rated output power	6	6	3/6	kW
Maximum output power	13	13	3.3/6	kW
Efficiency	0.97	0.97	0.97	
Ambient & Mechanical parameters	KTZ60W03F7			Unit
Weight	≤17			kg
Level of protection	IP67			
Cooling mode	Forced cooling			
Operating ambient Temp	-40~+65			°C

H-vol. L-vol Power	MCU	EPS	ACM	DCDC	Unit
Low voltage range	6~32	6~32	6~32	9~32	V
High voltage range	300~1000	300~1000	300~1000	400~1000	V
High rated voltage	540	540	540	540	V
High minimum input voltage	300	300	300	400	V
Power cable specification(recommended)	70	2.5	2.5	25/50	mm ²
Three phase output	MCU	EPS	ACM	DCDC	Unit
Rated output voltage	380VAC	380VAC	380VAC	27VDC	
Rated output current(effective value)	300	13	13	110ADC/220ADC	A
Maximum output current(effective value)	600@60S	27.5@60s	27.5@60s	130ADC@6min	A
		30@30s	30@30s	240ADC@6min	
Rated output power	200	6	6	3/6	kW
Maximum output power	400	13	13	3.5/6.6	kW
Efficiency	≥0.97	≥0.97	≥0.97	≥0.97	
Ambient & Mechanical parameters	KTZ60X60S4				Unit
Weight	≤40				kg
Level of protection	IP67				
Cooling mode	Liquid cooling				
Water interface size	25				mm
Water flow rate	>20				L/min
Coolant temperature range	-40~+65				°C
Operating ambient Temp	-40~+85				°C