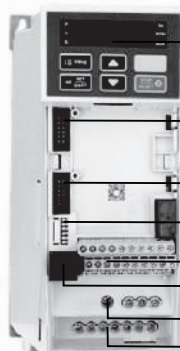


# VEICHI

## AC 300

## FREQUENCY CONVERTER



- Keyboard, integration of indicators and five-bit digital tubes
- SPI-A extension interface—connect with any extension card
- SPI-B extension interface—connect with any extension card
- Terminal resistance, selection sliding switch of input/output
- Wiring terminal
- Rj45 network interface, extension line uses network connection
- EMC terminal—EMC fast disconnection with earth
- Main terminal

### APPLICATIONS

Adopt the new generation of energy-saving control technology to realize the high-efficiency operation of induction motor; reduce the excitation current according to the load current, and automatically adjust according to the loading condition; improve the motor efficiency at most; reduce the motor consumption and energy consumption. 30% of AM & PMSM adopt the VC mode to drive PMSM and the energy utilization could increased by more than 10%.

### CONSTRUCTION FEATURES

- High-performance vector general platform, new motor control algorithm.
- Compatible with AM and PMSM, Open loop and Closed-loop.
- Accurate decoupling of torque excitation , excellent performance of dynamic response.
- Full range of book-body design, can save the installation space to the maximum.
- Comprehensive thermal simulation design, can guarantee the rationality of hardware layout.
- New design of air duct and full range of DC fan cooling, safe and reliable.
- Creative grounding method of AC300 series, can quickly solve the EMI problem.
- Modular design of software and hardware, powerful extension capability.
- Rich extension interfaces and extension accessories, can cover all kinds of applications.
- Optimized keyboard design, and support external keyboard.
- Much easier and more convenient debugging on-site, can support the firmware upgrading on-site.
- Tri-proof design of whole machine and tri-proof painting of PCB, can ensure the stability and reliability of products.

MODEL	VOLTAGE	RATED OUTPUT CURRENT (A)	DIMENSIONS (MM)		
			W	H	D
AC300-T3-R75G/1R5P-B	0.75	3	76	200	155
AC300-T3-1R5G/2R2P-B	1.5	4			
AC300-T3-2R2G-B	2.2	6			
AC300-T3-004G/5R5P-B	4	10	100	242	155
AC300-T3-5R5G/7R5P-B	5.5	13			
AC300-T3-7R5G/011P-B	7.5	17			
AC300-T3-011G/015P-B	11	25	116	290	175
AC300-T3-015G/018P-B	15	32			
AC300-T3-018G/022P-B	18.5	38			
AC300-T3-022G/030P-B	22	45	140	360	225
AC300-T3-030G/037P	30	60			
AC300-T3-037G/045P	37	75			
AC300-T3-045G/055P	45	90	172	430	225
AC300-T3-055G/075P	55	110			
AC300-T3-075G/090P	75	150			

