



HANGZHOU SPEED CONTROL TRANSMISSION

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变频一体减速电机
Frequency Conversion Gearmotor

现场分散驱动 Drive Components and Solutions for Decentralized Drive Systems

变频一体机减速电机 Frequency Conversion gearmotor

变频一体机是将驱动装置（变频）与传动装置（电机）集成一体的调速传动设备，是传动技术与控制系统的完美结合体，具有节省空间、安装便捷、效率更高等特点，本产品符合IEC60034、IEC61800标准，获得CE电机能效认证。
JIE Frequency Converter is a governor drive equipment combined with control device (frequency converter) and drive device (motor). It is a perfect combination of drive technology and control system. This product has the advantage of space saving, convenient installation and high efficiency, and meets IEC60034、IEC61800 standard. Its motor also has CE certification.



功率范围 Power Range	3 x AC380V ~ 3 x AC480V , 0.55 ~ 7.5KW
过载能力 Overload capacity	150% ,S1; 160% ,60S;
调速范围 Speed range	IM: SVC 1/100, PM: SVC 1/20
载波频率 Carrier Frequency	0.5 ~ 16KHz
防护等级 Protective class	IP66
功能 Function	SVC、VWF、自动载波调制、电机保护功能、预置风机、水泵应用宏 SVC、VWF、Automatic carrier modulation、Motor protective function、Preset fan、water pump application macro
接口 Interface	Modbus、Profibus-DP

高效率、低成本 High efficiency、Low cost

变频一体机采用模块化设计，无需单独变频机柜，在有限的空间内让整体传动设备显得更加简洁。VVC+算法优化，提升驱动电机性能，适用EN60034-30-1的IE2、IE3、IE4或更多能效应用场景，满足现在及未来的能效需求。

Frequency Converter is integrated modular designed without separated frequency converter; within the limited space makes the whole drive equipment is more concise. VVC+ optimization algorithm enhanced the performance of the drive permanent magnet motor, widely used in EN60034-30-1's IE2、IE3、IE4 or more other efficiency requirement application.

智能化的控制 Intelligent control

变频一体机具有智能逻辑控制器，能够使变频一体机在无外部控制单元场景中，协同或自主工作，自动监测预置事件，在事件触发时以预定动作响应。预置风机、水泵应用宏，便捷的调试工作适用于任何完美解决的方案。

Frequency Converter has an intelligent logic controller makes equipment work in coordination with or separately work; automatically monitor and forecast events; and quickly response as to reseraction. Preset fan, water pump application macro, and convenient debugging work for any perfect solution.

行业应用案例 Industry Application

- 环保行业Environmental Industry
- 化工搅拌行业Chemical Mixture Industry
- 物流输送行业Logistics Transportation Industry
- 装配输送线应用Assembly Line Application
- 烟草输送线应用Tabaco Conveyor Line
- 酒品输送线应用Wine Conveyor Line Application

