



WHOLE STRUCTURE

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SUPER ENERGY Single-stage screw air compressor

High efficiency filtration system

- Efficient oil and gas separator so that exhaust oil content is less than 3ppm;
- High-efficiency oil filter, filter out impurities in lubricating oil, provide clean lubricating oil for the rotor and bearing of the head;
- High-efficiency horizontal air filter, filter the dust impurities in the inhaled air so that the rotor, bearing, etc.free from damage.

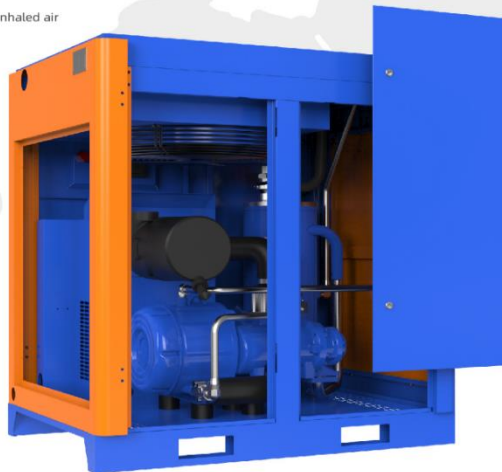


INOVANCE inverter

- High product integration with built-in 220V AC power supply and power frequency contactor, integrated PT100 and other PTC detection circuits and protection circuits;
- It can realize one-click startup and use special aircraft software to communicate with H, the Internet of Things and other devices. No debugging is required;

High-efficiency oil-cooled permanent magnet motor

- IP65 oil-cooled motor, high protection grade, no bearing mechanical loss, no cooling fan loss, low noise and low vibration.The efficiency is 3%-10% higher than the same capacity asynchronous motor.
- The host and motor share a shaft design, without intermediate transition parts, such as a centre bracket, coupling, pulley, gear, etc.
- Transmission loss is reduced to zero, and transmission efficiency is 100%



Standard IOT technology

- Digital intelligence of equipment: through IOT technology,real-time monitoring of equipment data, fault active reminder, help manufacturers from the production of "dumb" equipment to smart equipment upgrade;
- Digital intelligence of service: Based on IOT technology, remote inspection and equipment diagnosis can be realised to repair and upgrade the service closed loop.



High-performance cooling system

- High heat dissipation efficiency, ensuring high temperature and humidity 24-hour continuous operation in the environment.



SUPER ENERGY

Real better than Grade 1 energy efficiency

- National energy efficiency laboratory, the actual measurement and actual Labeling

Coaxial integrated direct connection technology

- No intermediate transition such as center bracket, coupling, pulley, gear and other linkage components. Transmission zero loss. Transmission efficiency 100%

Smart IOT

- IOT remote control, standard with air energy operation and maintenance platform

Oil-cooled high-efficiency permanent magnet motor

- Maintain ideal temperature, low noise working environment, higher protection level
- The efficiency is 3%-10% higher than the same capacity asynchronous motor

Single Stage Screw Air Compressor

- Power:7.5-75kW
- Pressure:7/8/10bar

Energy-saving effect exceeds GB/19153-2019 first-class energy efficiency standard



TECHNICAL PARAMETERS

Model	Power(kw)	HP	Air flow(m³/min)	Pressure(bar)	Dimension(m/m)	Weight(kg)	Outlet Size
SE-10EPM	7.5	10	1.22	7	900X740X946	148	G3/4
			1.16	8			
			1.06	10			
SE-15EPM	11	15	1.89	7	1052X800X1028	210	G3/4
			1.80	8			
			1.64	10			
SE-20EPM	15	20	2.60	7	1052X800X1028	220	G3/4
			2.48	8			
			2.26	10			
SE-30EPM	22	30	3.94	7	1100X858X1188	286	G1 1/4
			3.75	8			
			3.41	10			
SE-40EPM	30	40	5.46	7	1250X950X1397	416	G1 1/2
			5.20	8			
			4.73	10			
SE-50EPM	37	50	6.77	7	1250X950X1397	426	G1 1/2
			6.45	8			
			5.87	10			
SE-60EPM	45	60	8.21	7	1300X988X1402	450	G1 1/2
			7.82	8			
			7.12	10			
SE-75EPM	55	75	10.36	7	1652X1352X1540	1070	G2
			9.87	8			
			8.98	10			
SE-100EPM	75	100	13.27	7	1652X1352X1540	1100	G2
			12.64	8			
			11.50	10			

The air flow is measured at the rated exhaust pressure and tested according to the national standard GB3853 (equivalent for ISO1217 Appendix C). Variable frequency series are recommended to use 30%-100% frequency. The above models are 380V 50Hz standard grid. Please ask separately for non-standard. High temperature, high humidity, high cold, high dust and other harsh working conditions using the compressors separately.



SUPER ENERGY

Combined all-in-one design

-Integrated air compressor, air dryer, air tank, high efficiency filter. No need install piping. Plug and use. Reduce pressure loss in dry air output

Clean air (optional)

-Adopting high-efficiency Freeze dryers and 4-stage high-efficiency precision filters(15 bar) to ensure pure compressed air is obtained

Smart IOT

-IOT remote control, standard with air energy operation and maintenance platform

Oil-cooled high-efficiency permanent magnet motor

-Maintain ideal temperature, low noise working environment, higher protection level
-The efficiency is 3%-10% higher than the same capacity asynchronous motor

Special Matching Use Air Compressor Unit

- Power:7.5-22kW
- Pressure:7/8/10/15bar

Energy-saving effect exceeds GB/19153-2019 first-class energy efficiency standard



SUPER ENERGY

Mobile whole machine integration

- Gas can be used directly without tank
- Compact structure, small size, save space and installation cost
- Easy to move, suitable for different situations and can be easily integrated near the workplace

Coaxial integrated direct connection technology

-No intermediate transition such as center bracket, coupling, pulley, gear and other linkage components, transmission zero loss, transmission efficiency 100%

Smart IOT

-IOT remote control, standard with air energy operation and maintenance platform

Oil-cooled high-efficiency permanent magnet motor

-Maintain ideal temperature, low noise working environment, and higher level of protection
-5%-8% higher efficiency than an asynchronous motor with the same capacity. Synchronous motor, stepless speed regulation

Single-Phase 220V Screw Air Compressor

- Power:2.2-5.5kW
- Pressure:7/8/10bar

Electricity limitation without stopping production
Replace piston compressor



TECHNICAL PARAMETERS

Model	Power(kw)	HP	Air flow(m ³ /min)	Pressure(bar)	Dimension(mm)	Weight(kg)	Outlet Size
With air tank							
SE-10EPM-T	7.5	10	1.22	7	1450X740X1500	300	G3/4
			1.16	8			
			1.06	10			
SE-15EPM-T	11	15	1.89	7	1535X800X1780	350	G3/4
			1.80	8			
			1.64	10			
			1.14	15			
SE-20EPM-T	15	20	2.60	7	1535X800X1780	350	G3/4
			2.48	8			
			2.26	10			
			1.35	15			
With air tank and dryer							
SE-10EPM-TD	7.5	10	1.22	7	1634X740X1675	380	G3/4
			1.16	8			
			1.06	10			
SE-15EPM-TD	11	15	1.89	7	1985X685X1670	505	G3/4
			1.80	8			
			1.64	10			
			1.14	15			
SE-20EPM-TD	15	20	2.60	7	1985X685X1670	505	G3/4
			2.48	8			
			2.26	10			
			1.35	15			
SE-30EPM-TD	22	30	3.94	7	2210X883X1928 (8bar) 2134X1053X1875(15bar)	600	G1 1/4
			3.75	8			
			3.41	10			
			2.20	15			

The air flow is measured at the rated exhaust pressure and tested according to the national standard GB3853 (equivalent for ISO1217 Appendix C). Variable frequency series are recommended to use 30%-100% frequency. The above models are 380V 50HZ standard grid. Please ask separately for non-standard. High temperature, high humidity, high cold, high dust and other harsh working conditions using the compressors separately.

TECHNICAL PARAMETERS

Model	Power(kw)	HP	Air flow(m ³ /min)	Pressure(bar)	Dimension(mm)	Weight(kg)	Outlet Size
With air tank							
XLPMS3AT	2.2	3	0.29	7	1095X540X1377	125	G3/4
			0.26	8			
			0.22	10			
XLPMS4AT	3	4	0.42	7	1095X540X1377	130	G3/4
			0.38	8			
			0.31	10			
XLPMS5.5AT	4	5.5	0.56	7	1095X540X1377	140	G3/4
			0.53	8			
			0.45	10			
XLPMS7.5AT	5.5	7.5	0.76	7	1095X540X1377	148	G3/4
			0.72	8			
			0.63	10			

The air flow is measured at the rated exhaust pressure and tested according to the national standard GB3853 (equivalent for ISO1217 Appendix C). Variable frequency series are recommended to use 30%-100% frequency. The above models are 380V 50HZ standard grid. Please ask separately for non-standard. High temperature, high humidity, high cold, high dust and other harsh working conditions using the compressors separately.



Suitable for small-scale factories, air protection industry, hardware industry, spraying industry, building decoration industry, etc.

220V single-phase power supply. No threshold for use