

EURa Drives GmbH

softstarter • inverter • controller

PRODUCT BROCHURE



ENGLISH

www.euradrives.eu

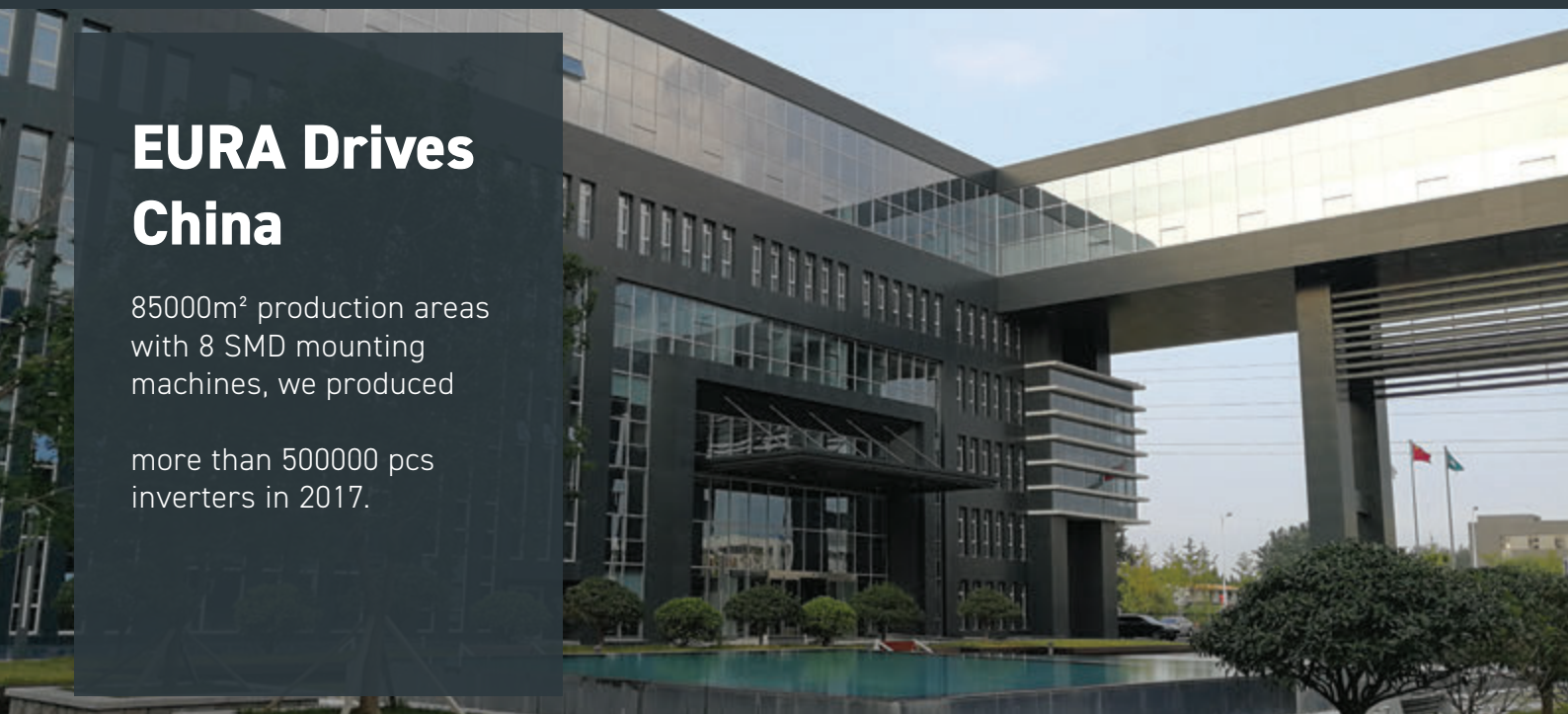
EURa[®]
DRIVES



EURA Drives GmbH

the headquarters of EURA Drives in Europe with more

than 2000m² office, development, training and stock.



EURA Drives China

85000m² production areas with 8 SMD mounting machines, we produced

more than 500000 pcs inverters in 2017.



up-to-date production facilities

and 1200 highly motivated employees

worldwide contribute to the drive development, production, sales and service.



DRIVE + MOTOR

for retrofit and high efficiency applications



E800
0.4 kW - 90 kW

Economical IP20, IP21, HVAC frequency inverter for ac induction motor and permanent motor



EM30
0.4 kW - 11 kW

Decentralized drive solution for hard conditions



E2000
0.4 kW - 400 kW

High performance inverter for all your needs



E600
0.4 kW - 5.5 kW

the compact and economical AC drive



EP66
0.4 kW - 90 kW

the rugged stand alone AC drive with more protections

PUMP INVERTER

0.4 kW - 400 kW

comprehensive special pump software built into each drive as standard, no need of external master controller. PID control concept, multi-set point, cascade control pump staging, solar function, well pump control, level control, Dry run protection and leakage detection function are all in one drive inclusive.



E2100P
0.4 kW - 400 kW

- IP66 remote keypad
- AC, PM motor control
- built in EMC Filter



EM30P
0.4 kW - 11 kW

- built in realtime clock
- full Alu enclosure
- IP67 protection, direct motor mounted



EP66P
0.4 kW - 90 kW

- IP66 stand alone inverter
- Optional built in C1 EMC Filter
- Optional main switch, potentiometer

SOFTSTARTER

HFR 1000 15 kW - 500 kW



HIGHLIGHTS:

For smooth start of any kind of asynchronous motors, reduction of inrush current and mechanical stress.

Startup control mode:

- Current mode: Start ramp at defined current limit
- Voltage mode: Startup at defined voltage ramp
- Boost function

Startup control mode:

- Free stop by inertia
- Stop controlled by voltage ramp

Controlmode: - Keypad, terminal, MODBUS

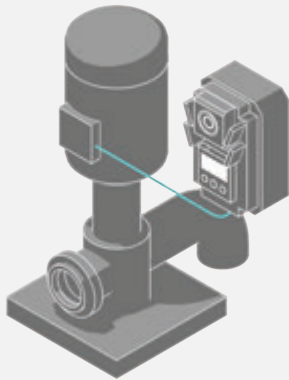
Startup control mode:

- Programmable I/O channels
- Integrated LED display, to set parameters and to display drive status

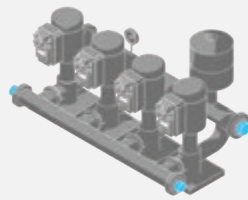
PUMPS CONTROL SYSTEM

— EURA Drives Smart pump software for all EURA AC drives

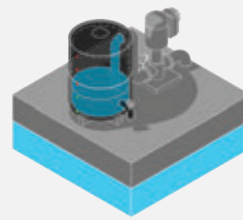
NEW PRODUCT
OF 2019



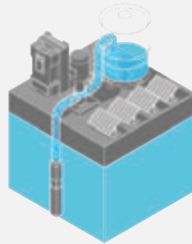
SINGEL PUMP



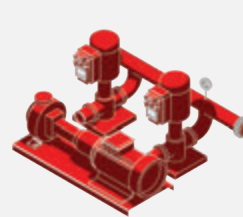
simple control mode



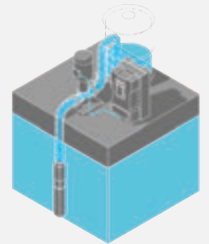
Level control mode



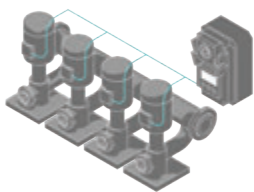
Solar control mode



Fire mode



Well pump control mode

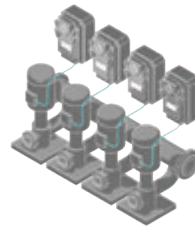


Regulated no rotation

Regulated rotation by time

Regulated rotation by sleep

MULTI PUMP
REGULATED + FIX



Fix regulated

Multimaster regulated by time

Multimaster regulated by sleep

MULTI PUMP
ALL REGULATED

PROTECTION FUNCTIONS



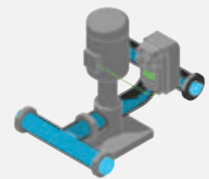
Leakage Detection

PROTECTION FUNCTIONS



Dry Run Protection

PROTECTION FUNCTIONS

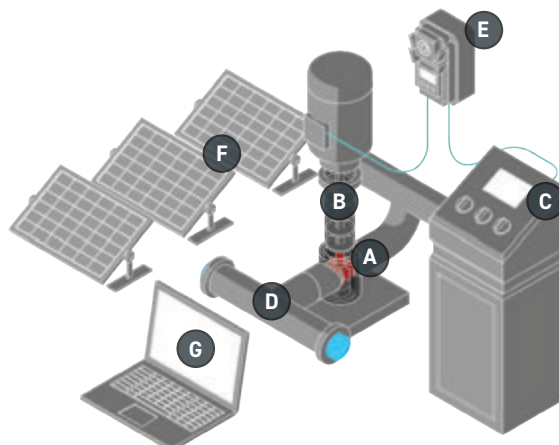


Filling Protection

AUXILIARY

— EURA Drives Smart functions

those functions help the customers to make the services for pumps easier. The life time of pumps will be also extended by using of the functions.



A	Water Flow Detection
B	Pump Cleaning
C	HAND / AUTO Control
D	Antirust & Antifreeze
E	Time Control Mode
F	Autotuning Solar Pump
G	User Macro

APPLICATION

— the EURA AC drives are widely used in many applications



EP66 90kW

Deep well pump drive (up to 150m).
Multiple pump stages for irrigation water supply on different levels.
Suitable for decentral power supply (genset), due to low startup current.
For outdoor use (with shadowing).

Location: north of italy



Pump inverter EM30P used for pump booster station

Location: Germany



EURA IP20 inverter E2000 used for multi-ventilator

Location: Germany



EP66 used for ventilator 7.5 kW with built in C1 EMC Filter

Location: Germany

EM30 used for Ventilator in high temperature kitchen

Direct mounted on the motor terminal box, short motor cabling, reduced EMV problems, no shielded motor cables required. Compact design, high protection degree, robust full aluminium construction. Ready for installation in industrial and residential area (C1 filter as internal option available) For critical operating conditions (Heat, dirt/dust, humidity, vibration)

Location: Germany



High frequency inverter with high protection degree: IP66 Frequency range up to 1300 Hz
Customer specific solutions up to 15 kW

Location: Slovakia



Compact blower/vacuum unit, inverter mounted directly on the motor, high protection degree. Short motor leads, no shielding required, reduced EMC problematic.

Location: Germany



EP66 with Add on box

Modular enclosure expansion of the EP66 drive: Stainless steel box for different customer specific add-on components, like I/O filters (sinus), chokes, selective motor protection- / bypass switches.
Easy to assembly, EP66 protection degree. To order on customers specification, for low quantity as well.

Location: Germany



E2000 400kW

High horsepower inverter in cabinet (up to 800 kW).
Protection degree IP4x.
PFC DC-link choke as standard.
Optional mains switch.
To configure with various customer specific options.

Location: Germany

ENGLISH



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