

Servo drives for 400V

MINAS A6 series

Panasonic
INDUSTRY



Highly dynamic drive technology in a 400V network for maximum performance

With around 70% market share, 400V applications represent the largest segment in industrial automation. Take advantage of the 400V three-phase network by using the servo drives from Panasonic, which cover a power range from 0.4–5kW (in future up to 22kW). Proven technology paired with innovative functions and versatile control features such as pulse, analog and network technology with real-time communication characterize our solutions.

Product features

Servo drivers

- Power: 0.4–5kW, 3-phase 400V
- Network: EtherCAT, RTEX
- Real-time auto-gain tuning, FitGain tuning
- Ultrafast response frequency: 3.2kHz bandwidth
- Pulse outputs 4Mpps and inputs with up to 8Mpps (Mpps = million pulses/second)

Motor

- Encoder: 23 bit (absolute and incremental)
- Rotational speed (max.): 3000rpm (5500rpm)
- Rotatable connectors



Packaging

- Control functions: Torque, velocity, position control
- Safety function: STO



Robots

- Suppression of load fluctuations
- Real-time auto-gain tuning



Mechanical engineering

- Two different oil seals (single and triple lip)
- Motor IP67 degree of protection



For further information please contact servo.peweu@eu.panasonic.com

