Panasonic

Programmable Controller **FP0R**
AC Servo Motor **MINAS A6**

RS485 Modbus RTU supported

Minimal Wiring and Cost Saving

Motion Control

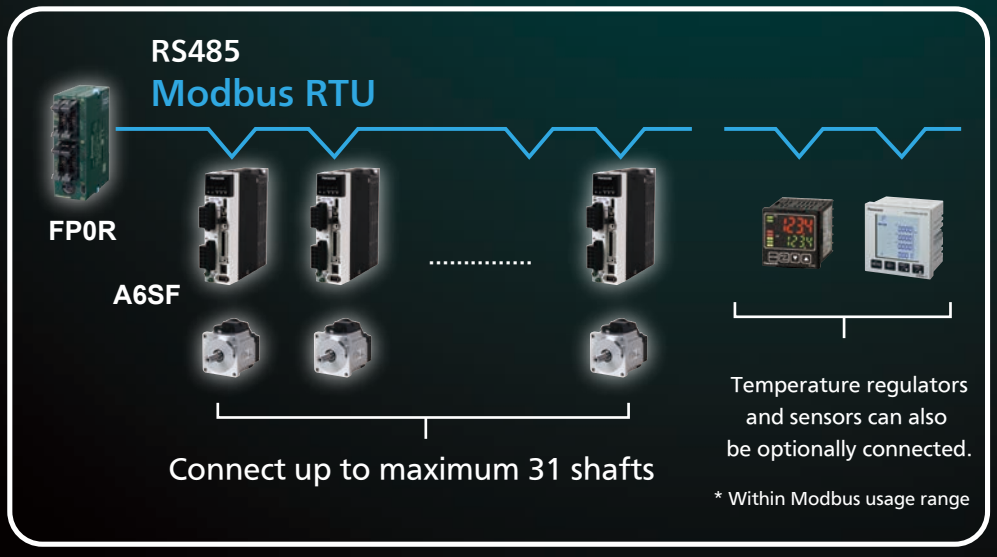
Compact PLC

FP0R

Servo motor

MINAS A6

Easy to wire and add motors



FP0R motor control specifications

	Conventional model	Latest model
	FP0R pulse output	**FP0R** & MINAS A6 Modbus
Control capability	50 k Hz	Infinite*
Max. number of controllable shafts	4 shafts	31 shafts

* No limits apply for serial communication. Resolutions is decided by setting on the amplifier side.

Advantages of using Modbus connection

Improved performance

High-resolution control
Low vibration, higher stop accuracy

No positional deviation caused by noise
Improved reliability

Improved functions

Parameter editing
Supports changes in inertia ratio and damping frequency

Servo data collection
Load factor and torque data is collected for use in remote monitoring

Cost reduction

Easy to add and remove shafts
Control wiring is only the communication line

Reduction of design/programming man-hours
Easy to obtain absolute position data

Proposals for motor status monitoring and preventive maintenance

FP0R

Programmable controller
FP0R
Control unit with RS485 port

Compact model standard

MINAS A6

Amplifier
A6SF series
Multifunction type

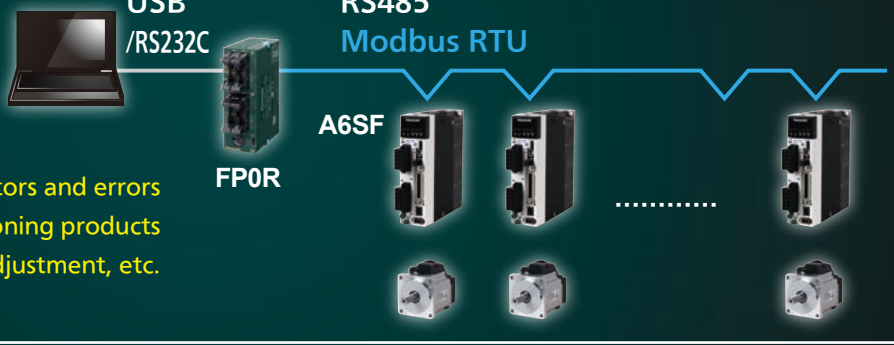
High performance
Supports general-purpose networks

AC servo motor
50 to 5kW

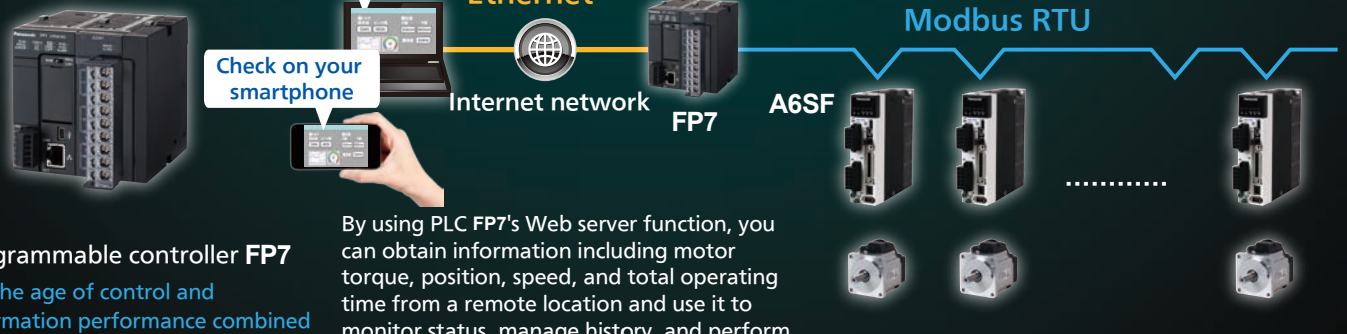
Small and lightweight
Large torque and high-speed operation

For more information on Servo Motors and amplifiers, please visit
http://industrial.panasonic.com/products/motors-compressors/fa-motors

Motor information collection and adjustment are possible from the host PC via Modbus RTU communication.



Monitoring of load factors and errors
Collection of item numbers of malfunctioning products
Gain adjustment, etc.



Programmable controller **FP7**
For the age of control and information performance combined

By using PLC **FP7**'s Web server function, you can obtain information including motor torque, position, speed, and total operating time from a remote location and use it to monitor status, manage history, and perform preventive maintenance.

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