

Selection guide

ATS Controller

What type of
supply?

Which
application?

	Simple functions	Digital functions
		
	ATyS C25 <i>p. 2</i>	ATyS C35 <i>p. 2</i>
Power supply		
AC power supply voltage (phase-neutral)	184-300 VAC	184-300 VAC
AC power supply voltage (phase-phase)	N/A	N/A
Supply frequency range	45-65 Hz	45-65 Hz
DC power supply voltage (option)	12-24 VDC	12-24 VDC
Power supply via USB port		
30 second energy backup in the event of a power cut.		
Integrated external double power supply (DPS) for supplying RTSE (6A AC-1) ⁽²⁾	•	•
Internal double power supply (DPS) from voltage sensing ⁽³⁾	•	•
Measurement		
Voltage measurement range	90-520 VAC (Phase-phase)	90-520 VAC (Phase-phase)
Voltage measurement accuracy		
Frequency measurement accuracy		
Phase angle measurement		•
Current / power / energy measurement		
Application		
RTSE class compatibility	PC (switch) / CC (contactor)	PC (switch) / CC (contactor) / CB (circuit breaker)
Mains / Mains	•	•
Mains / Genset	•	•
Genset / Genset		
HMI		
LCD display		96x64 pixels
Configuration wizard		
Remote display (D70 / D50)		
Compatible with WebView (D70/M70)		
Configuration with Easy Config System		
Communication		
RS485 - Modbus	•	•
Digibus (Digeware RJ45 connection)		
Functions		
Tests	On load	On load / Off load
Inhibited	•	•
Password protection		1 level
Circuit breaker trip management		
Phase transfer		
Genset cycles		
Genset management		
Bypass timer		
Configurable alarms		
Event logging		
Load shedding		
I/O		
Inputs	5 fixed	4 fixed 3 programmable
Outputs	4 fixed	4 fixed 1 programmable ⁽¹⁾
Environment		
IP protection (front panel)	IP4X	IP4X
IK	IK08	IK08
EMC (as per IEC 61326-1 & IEC 60947-6-1)	Class A	Class A
Overvoltage category	III	III
Pollution Degree	PD 2	PD 2
Temperature range	-25 to +70 °C	-25 to +70 °C

(1) In Mains/Mains mode only, fixed in Mains/Genset mode. (2) Supplies voltage from both sources to the motor. (3) The product can be powered from both sources.

Functions?

Digiware connectivity

	Smart functions	Connected functions
		
	ATyS C55	ATyS C65
	<i>p. 2</i>	<i>p. 2</i>
	N/A	N/A
	80-576 VAC	80-576 VAC
	45-66 Hz	45-66 Hz
	9-28 VDC	9-28 VDC
	•	•
		•
	•	•
	50-576 VAC	50-576 VAC
	0.5%	0.5%
	0.1%	0.1%
	•	•
		•
	PC (switch) / CC (contactor) / CB (circuit breaker)	PC (switch) / CC (contactor) / CB (circuit breaker)
	•	•
	•	•
	•	•
	350x160 pixels	350x160 pixels
	•	•
	•	•
	•	•
	•	•
	•	•
	•	•
		•
		•
	On load / Off load	On load / Off load
	•	•
	3 levels	3 levels
	•	•
	•	•
	•	•
	1 program	4 programs
	•	•
	•	•
	300 events	3000 events
		Forced and smart load shedding
	6 programmable	6 programmable (option for +24)
	6 programmable	6 programmable (option for +18)
	IP4X (IP65 with seal)	IP65
	IK08	IK08
	Class A & B	Class A & B
	III	III
	PD 3	PD 3
	-30 to +70 °C	-30 to +70 °C