

# Selection guide

## ATS Controller

Which type of power supply?

Which application?

Classic functions	Simple and digital functions
	 <b>new</b>
<b>ATyS C25</b> p. 282	<b>ATyS C35</b> p. 284

### Power supply

AC Supply voltage Phase-Neutral	184-300 VAC	184-300 VAC
AC Supply voltage Phase-Phase	N/A	N/A
Frequency supply range	45-65 Hz	45-66 Hz
DC Supply voltage (optional)	12-24 VDC	12-24 VDC
Powered by USB port		
30s energy backup during blackout		
Integrated external DPS to switch (6A AC1) <sup>(2)</sup>	•	•
Internal DPS from voltage sensing <sup>(3)</sup>	•	•

### 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 / and energy measurement		

### Application

RTSE class compatibility	PC (switch based) / CC (contactor)	PC (switch based) / CC (contactor) / CB (circuit breaker)
Main-Main	•	•
Main-Gen	•	•
Gen-Gen		

### HMI

LCD Screen		96x64 pixels
Wizard configuration		
Remote display (D70 / D50)		
Compatible with webview (D70/M70)		
Configuration with ECS		

### Communication

RS485 - Modbus	•	•
Digibus (digiware RJ45 connexion)		

### Functions

Tests	On load	On load / Off-load
Inhibition	•	•
Password protection		1 level
Breaker trip manangement		
In-phase transfer		
Genset Cyclers		
Genset scheduler		
Bypass timers		
Configurable alarms		
Event reccording		
Load shedding		

### I/O

Inputs	5 fixed	4 fixed 3 programmable
Outputs	4 fixed	4 fixed 1 programmable <sup>(1)</sup>



### Environment

IP rating (front face)	IP4X	IP4X
IK	IK 08	IK 08
EMC (according to IEC 61326-1 & IEC 60947-6-1)	Class A	Class A
Overvoltage category	III	III
Pollution CAT	PD 2	PD 2
Temperature use range	-25 - +70°C	-25 - +70°C

(1) In Main-Main mode only fixed in Main-Gen. (2) Supplies voltages from both source to motor. (3) Product can be powered by both sources.

## Functionalities?

## Digiware connectivity

	Smart functions	Connected functions
		
	<b>ATyS C55</b> <i>p. 286</i>	<b>ATyS C65</b> <i>p. 288</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 based) / CC (contactor) / CB (circuit breaker)	PC (switch based) / CC (contactor) / CB (circuit breaker)
	•	•
	•	•
	•	•
	350x160 pixels	350x160 pixels
	•	•
	•	•
	•	•
	•	•
	•	•
	On load / Off-load	On load / Off-load
	•	•
	3 level	3 level
	•	•
	•	•
	•	•
	1 program	4 programs
	•	•
	•	•
	300 events	3000 events
	basic load shed	Basic & smart load shed
	6 programmable	6 programmable (+24 optional)
	6 programmable	6 programmable (+18 optional)
	IP4X (IP65 with gasket)	IP 65
	IK 08	IK 08
	Class A & B	Class A & B
	III	III
	PD 3	PD3
	-30 - +70°C	-30 - +70°C