

The background image shows a modern, single-story house with large glass windows and doors, illuminated from within. The house is situated on a hillside, with a well-manicured vineyard in the foreground. The sky is a mix of dark and light clouds, suggesting dusk or dawn. Several people are visible on the patio and inside the house.

# Backup Controller & Backup Switch

- 01 Cost-efficient solution for every household
- 02 Quick and easy installation in the switch box
- 03 Your choice: automatic or manual switchover

# Fronius Backup Switch

## Technical data



		Backup Switch 1P/3P-63A			Backup Switch 1PN/3PN-63A		
Compatible inverters		Fronius Primo & Symo GEN24 Plus			Fronius Primo & Symo GEN24 Plus		
Nominal voltage	V	3~ 230/400			3~ 230/400		
Mains separation		1 or 3 pole			2 or 4 poles		
Utilisation category		<b>AC21A, AC21B</b>	<b>AC23A, AC23B</b>	<b>AC3</b>	<b>AC21A, AC21B</b>	<b>AC23A, AC23B</b>	<b>AC3</b>
Rated current	A	63	45	37	63	45	37
Ambient temperature range	°C	-40 to +60			-40 to +60		
Weight (net)	g	383			489		
Dimensions (height × width × depth)	mm	70 x 125,4 x 91			70 x 135,4 x 91		
Certificate		IEC 60947-6-1			IEC 60947-6-1		
Protection		IP20			IP20		
Mounting		DIN-Rail 35 mm			DIN-Rail 35 mm		
Min. cable cross-section (phase/neutral conductor)	mm <sup>2</sup>	1			1		
Max. cable cross-section (phase/neutral conductor)	mm <sup>2</sup>	25			25		
Min. cable cross-section (data communication)	mm <sup>2</sup>	0.13			0.13		
Max. cable cross-section (data communication)	mm <sup>2</sup>	2.5			2.5		

# Fronius Backup Controller

## Technical data



		Backup Controller 3P-35A	Backup Controller 3PN-35A
Compatible Inverters		Fronius Primo & Symo GEN24 Plus	Fronius Primo & Symo GEN24 Plus
Rated Voltage	V	3~ 230/240	3~ 230/240
Rated Current	A	35	35
Rated Frequency	Hz	50	50
Rated Power	kVA	24	24
Utilisation Category		AC-32	AC-32
Range of Ambient Temp.	°C	-20 to +60	-20 to +50
Weight	g	625	856
Dimension (height x width x depth)	mm	100 x 144 x 66	100 x 198 x 66
Certificate		IEC 60947-6-1	IEC 60947-6-1
Protection		IP20	IP20
Max. Sea Level	m	2000	2000
Fault Ride Through (FRT)		Yes	Yes
Mounting		DIN-Rail	DIN-Rail
Grid types		TN-S, TN-C-S	TN-C-S, TN-S, TT
Min. cable cross-section (neutral conductor to smart meter)	mm <sup>2</sup>	1	1
Min. cable cross-section (phase/neutral conductor)	mm <sup>2</sup>	2.5	2.5
Max. cable cross-section (phase/neutral conductor)	mm <sup>2</sup>	10	10
Min. cable cross-section (data communication)	mm <sup>2</sup>	0.13	0.13
Max. cable cross-section (data communication)	mm <sup>2</sup>	2.5	2.5





PV system owners want maximum independence - even during power outages and grid faults. Thanks to many years of experience in the backup power sector, Fronius offers the right solution for everyone. From the cost-effective basic backup power supply to maximum security and the supply of the entire household with full backup, manual or automatic, with or without battery, single-phase as well as three-phase and of course black-start capable - we leave nothing to be desired.



#### The heart of your PV system

With the Fronius GEN24 Plus, you can enjoy 24 hours of sun at home. The hybrid inverter allows you to connect a battery storage system, making you even more independent.



#### The Fronius storage solution

Make yourself independent and utilise solar energy around the clock. The Fronius Reserva is a high-voltage battery with DC coupling that guarantees particularly effective and efficient energy transfer. With capacities from 6.3 to 15.8 kWh, it adapts flexibly to your needs.



#### Efficient use of variable electricity tariffs

The Fronius Energy Cost Assistant uses AI to analyse your PV production, consumption and electricity prices. It optimises your storage strategy by charging grid current when tariffs are low and using it when prices rise again – directly via the Solar.web app.

More information about the Fronius backup solutions: [www.fronius.com/backup-power](http://www.fronius.com/backup-power)