

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

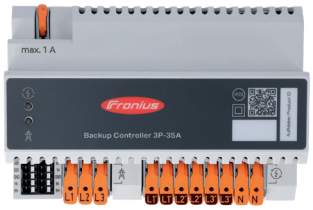


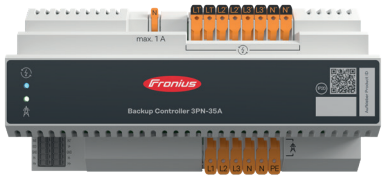


		Backup Switch 1P/3P-63A			Backup Switch 1PN/3PN-63A		
Compatible inverters		Fronius Primo & Symo GEN24 Plus, Fronius Verto Plus			Fronius Primo & Symo GEN24 Plus, Fronius Verto Plus		
Nominal voltage	V	3~ 230/400			3~ 230/400		
Mains separation		1 or 3 pole			2 or 4 poles		
Utilisation category		**AC21A, AC21B**	**AC23A, AC23B**	**AC3**	**AC21A, AC21B**	**AC23A, AC23B**	**AC3**
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)	mm²	1			1		
Max. cable cross-section (phase/neutral conductor)	mm²	25			25		
Min. cable cross-section (data communication)	mm²	0.13			0.13		
Max. cable cross-section (data communication)	mm²	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 Verto Plus*	Fronius Primo & Symo GEN24 Plus, Fronius Verto Plus*
Rated Voltage	V	3~ 230/400	3~ 230/400
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)	mm²	1	1
Min. cable cross-section (phase/neutral conductor)	mm²	2.5	2.5
Max. cable cross-section (phase/neutral conductor)	mm²	10	10
Min. cable cross-section (data communication)	mm²	0.13	0.13
Max. cable cross-section (data communication)	mm²	2.5	2.5

** Available for the Fronius Verto Plus in power classes from 15 to 20 kW.*



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

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