

The Fronius storage solution

Reserva



Technical details

			Reserva 6.3	Reserva 9.5	Reserva 12.6	Reserva 15.8
Electrical parameters	Usable Energy	kWh	6.31	9.47	12.63	15.79
	Nominal Energy	kWh	6.68	10.03	13.37	16.71
	Max. Charge / Discharge Power ¹	kW	6.55	9.83	13.10	16.38
	Short Circuit Current	A	1,700	1,900	2,100	2,241
	Number of battery modules		2	3	4	5
	Rated voltage	V	204.8	307.2	409.6	512
	Voltage range	V	185.6 ~ 227.2	278.4 ~ 340.8	371.2 ~ 454.4	464 ~ 568
	Maximum output current ²	A	32			
	Depth of Discharge	%	94.5			

General data	Battery cell chemistry		Lithium iron phosphate (LFP) / Pouch cells			
	Parallel operation ³		Up to 4 batteries			
	Dimensions (height x width x depth)	mm	890 x 772 x 176	1,140 x 772 x 176	1,390 x 772 x 176	1,640 x 772 x 176
	Total weight	kg	86.5	120	153.5	187
	Compatible inverters		Fronius hybrid inverter ⁴			
	Protection class		IP65			
	Max. altitude above sea level	m	2,000			
	Ambient temperature range ⁵	°C	-20 to +55			
	Permissible humidity	%	5 to 95			
	Installation		Indoor and protected outdoor areas			
	DC connection technology		DC-connectors Stäubli MC4 Evo Stor			
	Certificates and compliance with standards		IEC62619:2022; CE; VDE 2510-50; IEC62477-1; UN38.3			
	Interfaces		RS485			
	Warranty		10 years			
	Country of manufacture		China			

¹ Maximum charging and discharging power can vary depending on temperature, battery state of charge, and the connected inverter.

² The charging and discharging current is limited by the inverter.

³ Regardless of the number of Fronius Reserva battery towers connected in parallel, the maximum output current is limited to 32 A.
Example: Even with 4x15.8 kWh, the maximum DC charging/discharging power of the Fronius Verto Plus 30 remains approx. 16.38 kW.

⁴ Except Fronius Symo Hybrid.

⁵ Depending on the temperature, the charging/discharging capacity can be limited.

			BMS	Base	Module
Reserva Components	Usable capacity	kWh	-	-	3.15
	Rated voltage	V	-	-	102.4
	Dimensions (height x width x depth)	mm	330 x 772 x 176	60 x 772 x 176	250 x 772 x 176
	Dimensions (with packaging)	mm	790 x 554 x 315		790 x 372 x 264
	Weight	kg	16	3.5	33.5
	Weight (with packaging)	kg	25		36.5



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The Fronius Reserva is an efficient DC-coupled high-voltage battery for storing solar energy with minimal losses. It can be flexibly expanded with two to five modules and is perfectly matched to Fronius hybrid inverters - for maximum performance. European data security and fast service ensure maximum reliability.



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.



Backup power for every eventuality

With the Fronius Backup Controller, you can switch to full backup power operation automatically. The cost-effective switching component can be installed in the control cabinet to save space and eliminate the need for additional hardware such as switch boxes.



Everything under control

With our Fronius Solar.web monitoring tool, you can keep an eye on your PV system any time, anywhere, keeping your energy transition on track, simply by using it in our app or on the web.

More information about the Fronius Reserva: www.fronius.com.au/reserva

Fronius Australia Pty Ltd.
90-92 Lambeck Drive
Tullamarine VIC 3043
Australia
pv-sales-australia@fronius.com
www.fronius.com.au

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
pv-sales@fronius.com
www.fronius.com