

Technical data

Fronius Reserva Pro 12.0 - 20.0

			Reserva Pro 12.0	Reserva Pro 16.0	Reserva Pro 20.0
Electrical parameters	Usable energy	kWh	11.9	15.9	19.9
	Number of battery modules		3	4	5
	Nominal voltage	V	212.52	283.36	354.2
	Operating voltage range	V	165 ~ 240.9	220 ~ 321.2	275 ~ 401.5
	Maximum output current ¹	A	50		

General data	Battery cell chemistry		Lithium iron phosphate (LFP)		
	Parallel operation		Up to 4 batteries		
	Dimensions (Height x Width x Depth)	mm	775 × 579 × 449	935 × 579 × 449	1,095 × 579 × 449
	Total weight (system)	kg	126	162	198
	Protection class		IP65		
	Safety class		II		
	Max. altitude above sea level	m	2,000		
	Ambient temperature range ²	°C	-20 to +50		
	Permissible humidity	%	5-95		
	Compatible inverters		Fronius Primo GEN24 Plus, Symo GEN24 Plus & Verto Plus		
	Installation		Indoor and protected outdoor areas		
	DC connection technology		Stäubli MC4 Evo Stor		
	Certificates and compliance with standards		VDE2510-50 / IEC62619 / IEC62040-1 / CE / RCM / UN38.3		
	Interfaces		Modbus (RS485)		
Warranty		10 years (80% SOH)			

¹ The charging and discharging current is limited by the inverter.

² Depending on the temperature, the charging/discharging capacity can be limited.