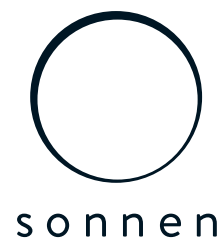
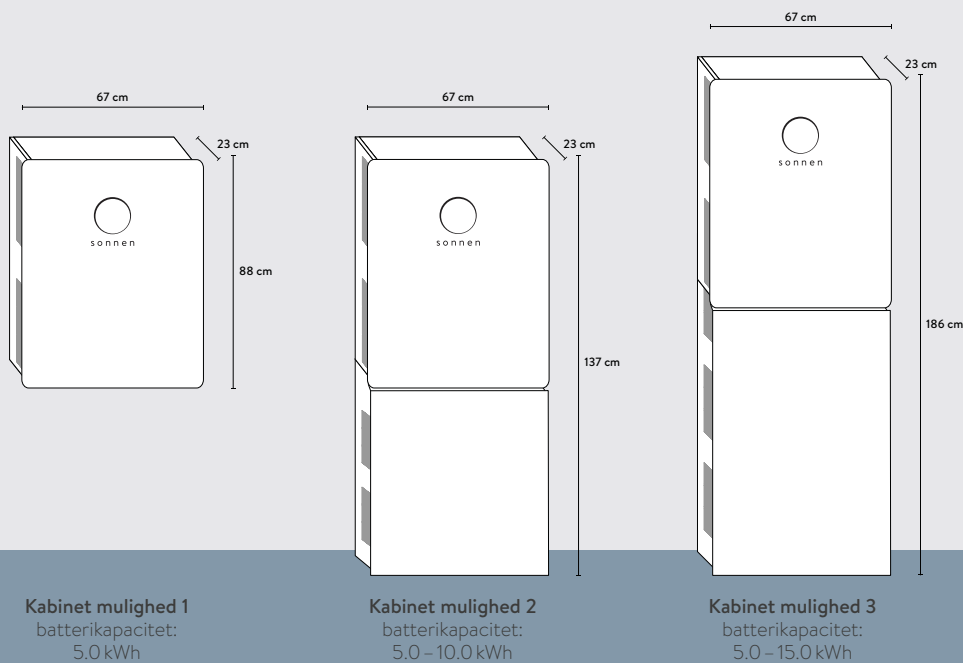


Datablad sonnenBatterie hybrid 9.53

	hybrid 9.53/5	hybrid 9.53/7.5	hybrid 9.53/10	hybrid 9.53/12.5	hybrid 9.53/15
Nominel batterikapacitet i kWh	5.0	7.5	10.0	12.5	15.0
Udledningsdybde (DoD)	90%				
Celleteknologi	LFP (Lithium jernfosfat)				
Kabinet mulighed 1 (5.0 kWh)					
Vægt i kg	81	-	-	-	-
Mål (H/B/D) i cm	88/67/23	-	-	-	-
Kabinet mulighed 2 (5.0 kWh - 10.0 kWh)'					
Vægt i kg	97	120	143	-	-
Mål (H/B/D) i cm	137/67/23	137/67/23	137/67/23	-	-
Kabinet mulighed 3 (5.0 kWh - 10.0 kWh)'					
Vægt i kg	108	131	154	177	200
Mål (H/B/D) i cm	186/67/23	186/67/23	186/67/23	186/67/23	186/67/23
Maksimal opladnings-/afledningseffekt i kW	2.5	3.3	3.3	3.3	3.3
Nominel effekt	4.6 kW				
Indgangsspænding PV	75 - 750 VDC				
Indledende indgangsspænding	100 V				
Maksimal indgangsstrøm PV	13 A				
Antal MPP-trackere	2				
MPP-spændingsområde	75 - 600 V				



Datablad sonnenBatterie hybrid 9.53

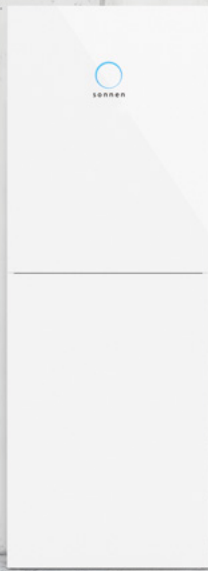
	hybrid 9.53/5	hybrid 9.53/7.5	hybrid 9.53/10	hybrid 9.53/12.5	hybrid 9.53/15
Effektfaktorområde	0.9 cap. – 0.9 ind.				
DC-tilslutning	Sunclix				
Maksimal effektivitet (batteri til net)	95 %				
Max. efficiency (PV to grid)	97.5%				
Maksimal effektivitet (PV til net)	98 %				
Omgivende temperaturområde	-5 °C – +45 °C ²				
Beskyttelsesgrad	IP30				
Driftstilstand	Enkelt fase				
Prøvninger og direktiver	Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, IEC 62040-1, IEC 62109-1, IEC 62109-2, IEC 62619, UN38.3, IEC 62133, EN 50438, CEIO-21, G98-1, G99-1, UTE C15-712-1, VDE AR-N-4105				
Batteriets levetid	Designet til 20 år				
Garanti	10 år ³				
Cyklusser	10,000 ³				

Tilgængelige muligheder

Multi-Touch-Display	7 tommer
sonnenWallmount	Monteringsbeslag

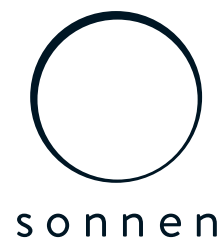
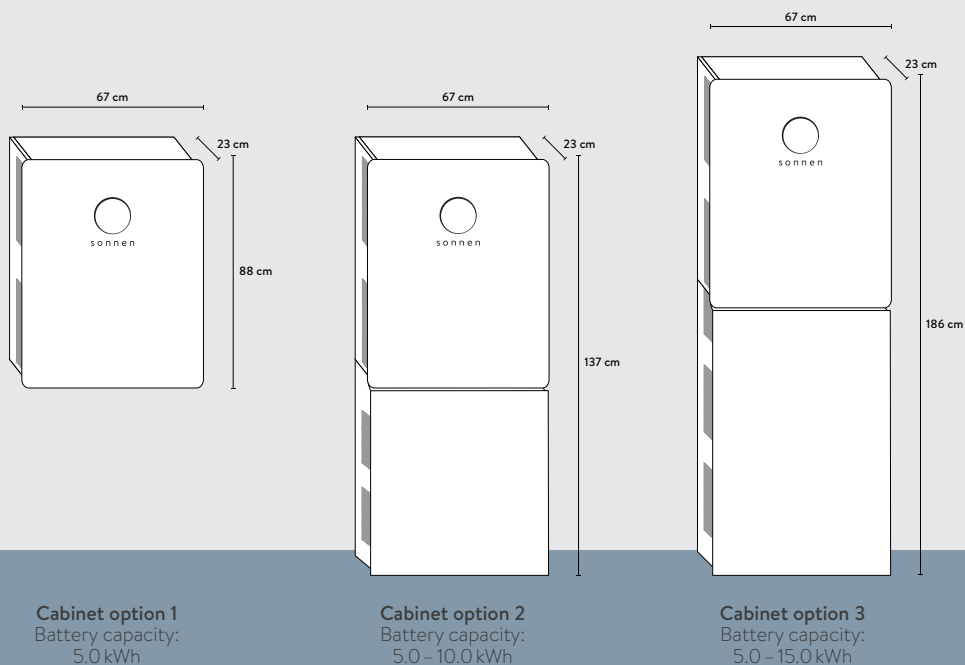
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¹ Der er to versioner af kabinettet til rådighed. Som standard er det store kabinet inkluderet (mål H/B/D 98/67/23) Hvis der er behov for et lille kabinet til et lagringsbatteri på 5,0 kWh op til 10,0 kWh, skal dette angives ved bestilling. ² Derating ved ca. 35 °C. ³ Garanti på alle dele. Hvis du vil vide mere om vores aktuelle garantibetingelser og -vilkår, kan du besøge [sonnen.dk/terms](https://www.sonnen.dk/terms) · Standardhusfarve: hvid. Husfarve sort kun på forespørgsel.



Data sheet sonnenBatterie hybrid 9.53

	hybrid 9.53/5	hybrid 9.53/7.5	hybrid 9.53/10	hybrid 9.53/12.5	hybrid 9.53/15
Nominal battery capacity in kWh	5.0	7.5	10.0	12.5	15.0
Depth of discharge (DoD)	90%				
Cell technology	LFP (Lithium Iron Phosphate)				
Cabinet option 1 (5.0kWh)					
Weight in kg	81	-	-	-	-
Dimensions (H/W/D) in cm	88/67/23	-	-	-	-
Cabinet option 2 (5.0kWh - 10.0kWh) ¹					
Weight in kg	97	120	143	-	-
Dimensions (H/W/D) in cm	137/67/23	137/67/23	137/67/23	-	-
Cabinet option 3 (5.0kWh - 10.0kWh) ¹					
Weight in kg	108	131	154	177	200
Dimensions (H/W/D) in cm	186/67/23	186/67/23	186/67/23	186/67/23	186/67/23
Max. charging/discharging power in kW	2.5	3.3	3.3	3.3	3.3
Nominal power	4.6kW				
Input voltage PV	75 – 750VDC				
Initial input voltage	100V				
Max. input current PV	13A				
Number of MPP-Trackers	2				
MPP voltage range	75 – 600V				



Data sheet sonnenBatterie hybrid 9.53

	hybrid 9.53/5	hybrid 9.53/7.5	hybrid 9.53/10	hybrid 9.53/12.5	hybrid 9.53/15
Power factor range	0.9 cap. – 0.9 ind.				
DC connection	Sunclix				
Max. efficiency (battery to grid)	95 %				
Max. efficiency (PV to grid)	97.5%				
Max. battery efficiency	98 %				
Ambient temperature range	-5 °C – +45 °C ²				
Dust & water protection	IP30				
Operating mode	single phase				
Tests and directives	Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, IEC 62040-1, IEC 62109-1, IEC 62109-2, IEC 62619, UN38.3, IEC 62133, EN 50438, CEIO-21, G98-1, G99-1, UTE C15-712-1, VDE AR-N-4105				
Battery service life	designed for 20 years				
Warranty	10 years ³				
Cycles	10,000 ³				

Available options

Multi-Touch-Display	7 inches
sonnenWallmount	installation mount

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¹ There are two cabinet versions available. By default, the large cabinet is included (Dimensions H/W/D 98/67/23). If a small cabinet is needed for a storage battery of 5.0 kWh up to 10.0 kWh, this must be specified when ordering. ² Derating at approx. 35 °C. ³ Warranty on all parts. To learn more about our current warranty terms and conditions, please visit [sonnen.dk/terms](https://www.sonnen.dk/terms). Standard housing color: white. Housing color black only on request.