



YASHIL ENERGIYA UCHUN UY ESS YECHIMI

SE-G5.1 & SE-G10.2



Oson ishlatish va texnik xizmat ko'rsatish

Batareya modullari avtomatik tarmoq tuzishi mumkin (DIP kalitlarsiz)
Masofadan monitoring qilish va dasturiy ta'minotni yangilashni qo'llab-quvvatlaydi
Tashqi quvvat manbai orqali faollashtirishni qo'llab-quvvatlaydi, akkumulyatorning ishlamay qolishini oldini oladi
To'liq razryaddan so'ng bevosita qayta zaryadlashga ruxsat beradi, texnik xizmatni yengillashtiradi



Xavfsizroq

(LFP) Batareya: xavfsiz, uzoq muddatli, yuqori samaradorlikka ega. OO'rnatilgan avtomatik o'chirgich, aqlli BMS. Ekologik toza materiallar, zaharsiz, ifloslanishsiz modul.



Moslashuvchan qo'llanilish

Oson kengaytiriladi, maksimal 64 dona parallel ulanish (327 kVt-soat / 655 kVt-soat)
Uy va tijorat ilovalari uchun mos, o'z-o'zini iste'mol qilish ulushini oshirish imkonini beradi



Ishonchlilik

0.5C zaryadlash va razryadlashni qo'llab-quvvatlaydi,
Keng harorat oralig'i: -20 °C dan 55 °C gacha

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Model		SE-G5.1	SE-G10.2
Batareya kimyoviy turi		LiFePO ₄	
Nominal sig'im ^[1]		100 Ah	200 Ah
Nominal kuchlanish		51,2V	
Ishlash kuchlanishi		44,8 V ~ 57,6 V	
Nominal energiya ^[1]		5,12 kVt·soat	10,24 kVt·soat
Batareya hujayra konfiguratsiyasi		1P16S	2P16S
Masshtablash ^[4]		Maksimal 64 dona batareya bloki (327 kVt·soat) parallelda	Maksimal 64 dona batareya bloki (655 kVt·soat) parallelda
Zaryad oqimi ^[2]	Maksimal uzluksiz	50 A	100 A
	Cho'qqi	100 A (10 soniya)	200 A (10 soniya)
Chiqarish oqimi ^[2]	Maksimal uzluksiz	50 A	100 A
	Cho'qqi	100 A (10 soniya)	200 A (10 soniya)
Boshqa parametr		80% DoD	
Tavsiya etilgan zaryaddan tushirish chuqurligi (DOD)		440 × 540 × 133	710 × 540 × 133
O'lcham (W × D × H, mm)		44 kg	85 kg
Og'irligi taxminan		5 ta LED (SOC: 20% ~ 100%), 3 ta LED (ishlash, ogohlantirish, himoya qilish) himoyalash	
Asosiy LED ko'rsatkich		CAN2,0, RS485	
Aloqa porti		IP20	
Quti IP himoya darajasi		Zaryadlash: 0 ~ 55°C, Razryadlash: -20°C ~ 55°C	
Ishlash harorati		0 ~ 35°C	
Saqlash harorati		95%	
Nisbiy namlik		≤2000 m	
Balandlik		≥6000 (25°C±2°C, 0,2C / 0,2C, 80%DOD, 70%EOL)	
Aylanma xizmat muddati		5 yil	
Kafolat muddati ^[3]		Devorga o'rnatiladigan, polga o'rnatiladigan (ustma-ust), shkafga o'rnatiladigan (chuqurligi ≥600mm bo'lishi kerak)	
O'rnatish		UN38,3,MSDS	
Sertifikatlash			

[1] Sinov sharoiti: 25°C±2°C, yangi holatda, 0.2C zaryad va 0.2C razryad, 100% DOD.

[2] Tok harorati va SOC (zaryad holati) ga bog'liq.

[3] Shartlar mavjud, tafsilotlar uchun Deye kafolat xatini ko'rib chiqing.

[4] Maksimal 32 dona tashqi CAN-Boxsiz.

Tipik qo'llanilish ssenariylari

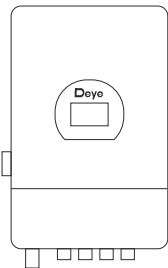
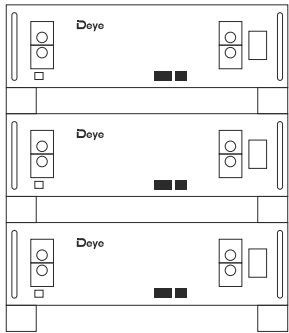
Mahsulotni kengaytirish

Batareya zaxira ishlash vaqti

	SE-G5.1		
Invertor	2 soat	3 soat	4 soat
SUN 6KW SG 04LP1	3 birlik	4 birlik	5 birlik
SUN 6KW SG 03LP1	3 birlik	4 birlik	5 birlik
SUN 6KW SG 05LP1	3 birlik	4 birlik	5 birlik

SE-G5.1

SUN 6KW SG 04LP1



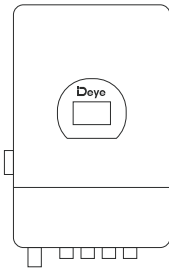
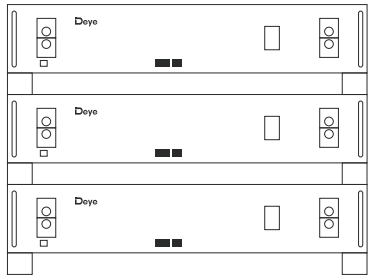
2 soat

Batareya zaxira ishlash vaqti

	SE-G10.2		
Invertor	2 soat	3 soat	4 soat
SUN 12KW SG 04LP3	3 birlik	4 birlik	5 birlik
SUN 12KW SG 02LP1	3 birlik	4 birlik	5 birlik
SUN 12KW SG 05LP3	3 birlik	4 birlik	5 birlik
SUN 20KW SG 05LP3	4 birlik	6 birlik	8 birlik

SE-G10.2

SUN 12KW SG 04LP3



2 soat



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