

FD-LV5.0 LV TECHNICAL INFORMATION

minimum configuration list



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Compatible Inverter (1- / 3-phase)		Minimum Configuration for Single Phase			Minimum Configuration for Three Phase		
		On Grid	On Grid with Backup	Off Grid Inrush Use	On Grid	On Grid with Backup	Off Grid Inrush Use
Solis	S6-EH1P3K-L-PRO	≥1	≥1	≥1	≥1	≥3	≥3
	S6-EH1P3.6K-L-PRO	≥1	≥1	≥1	≥1	≥4	≥4
	S6-EH1P5K-L-PRO	≥1	≥2	≥2	≥1	≥5	≥5
	S6-EH1P6K-L-PRO	≥1	≥2	≥2	≥1	≥6	≥6
	Battery firmware: BMS ≥V1.59; Inverter firmware ≥V06-10						
Deye	SUN-5KSG04LP3-EU	-	-	-	≥1	≥2	≥2
	SUN-6KSG04LP3-EU	-	-	-	≥1	≥2	≥2
	SUN-8KSG04LP3-EU	-	-	-	≥1	≥3	≥3
	SUN-10KSG04LP3-EU	-	-	-	≥1	≥4	≥4
	SUN-12KSG04LP3-EU	-	-	-	≥1	≥4	≥4
Battery firmware: BMS ≥V1.59; Inverter firmware ≥1001-C040							
Megarevo	R3KL1-G2	≥1	≥1	≥1	-	-	-
	R3K6L1-G2	≥1	≥2	≥2	-	-	-
	R4KL1-G2	≥1	≥2	≥2	-	-	-
	R4K6L1-G2	≥1	≥2	≥2	-	-	-
	R5KL1-G2	≥1	≥2	≥2	-	-	-
	R6KL1-G2	≥1	≥2	≥2	-	-	-
	R8KL1-G2	≥1	≥3	≥3	-	-	-
Battery firmware: BMS ≥V1.59; Inverter firmware ≥ARM V2.04.15, DSP V2.05.11							
Victron	MultiPlus 48/3000/35	≥1	≥1	≥1	≥1	≥3	≥3
	MultiPlus 48/5000/70	≥1	≥2	≥2	≥1	≥5	≥5
Battery firmware: BMS ≥V1.59; Inverter firmware ≥V3.20							

Note

1. Max.32 can be connected in parallel.
2. Inrush Power: Each Inverter has their Inrush power for off grid applications, please make sure to consult with inverter brands for the right value of correspondences.
3. No more than 4 module could be installed in one tower.