

SIMPO 5000i

Versatile for On-grid and Off-grid Use



Cost Effective Battery Storage System

Reliable, efficient, and budget-friendly energy storage



Reliable LFP Prismatic Cell

Reliability proved with Millions ESS installations



Integrated Circuit Breaker

Advanced system protection, ensuring the utmost safety for your power supply



Automatic Setup

Automated setup, no app needed. Start running the system in minutes with a quick installation



Hot Swappable

Easy maintenance, without interruption of system running



80 Max Scalability

Max 80 parallel connection without external device



10 Years Performance Warranty

Offering 60% performance 10 years warranty

Contact

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SIMPO 5000i

51.2V Battery System

5.12kWh/100Ah



SIMPO 5000i

SIMPO 5000i	
System Data	
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity	100Ah
Energy(Usable)	5.12kWh
Nominal Voltage	51.2V
Voltage Range	40.8V~58.08V
Weight	44kg
Dimension(WxHxD)	440mm×134mm×480mm
Maximum Charge Current	70A
Maximum Discharge Current	100A
Peak Discharge Current (5s)	150A
Efficiency(@0.5C)	95.0%
Communication	CAN / RS485 / No-Com
Warranty	10 Years 60% Performance
Certificates	UN38.3, CE
Charging Temperature	0°C~+55°C
Discharging Temperature	-20°C~+55°C
Scalability	Max 80 Units In Parallel
Circuit Breaker	1P



Victron

	Single-Phase		Three-Phase	
	On Grid	Off Grid	On Grid	Off Grid
Multiplus 48/3000/35	1	1	2	3
Multiplus 48/5000/70	1	2	3	5
Multiplus II (GX) 48/3000/35-32	1	1	2	3
Multiplus II (GX) 48/5000/70-50	1	2	3	5
Multi RS Solar 48/6000	1	2	4	6
Multiplus II 48/8000/110-100	2	3	6	8
Multiplus II 48/10000/140-100	2	3	7	9
Multiplus II 48/15000/200-100	3	5	10	14
Quattro 48/5000/70-100/100	1	2	3	5
Quattro 48/8000/110-100/100	1	2	6	8
Quattro 48/10000/140-100/100	2	3	7	9
Quattro 48/15000/200-100/100	3	5	10	14
Quattro-II 48/5000/70-50	1	2	3	5
Inverter RS Smart 48/6000	1	2	4	6
Easysolar II 48/3000/35-32 MPPT 250/70 GX	1	1	2	3
Easysolar II 48/5000/70-50 MPPT 250/100 GX	1	2	3	5



SMA

	Single-Phase		Three-Phase	
	On Grid	Off Grid	On Grid	Off Grid
SI 4.4M	1	2	3	5
SI 6.0H	1	2	4	5
SI 8.0H	2	3	5	7



Studer

	Single-Phase		Three-Phase	
	On Grid	Off Grid	On Grid	Off Grid
XTS 1400-48	1	1	1	1
XTM 2600-48	1	1	1	3
XTM 4000-48	1	2	2	4
XTH 6000-48	1	2	4	6
XTH 8000-48	1	2	6	8
Next1	1	2	-	-
Next3	-	-	3	5
Next3 Rack	-	-	3	5
VT-40	1	1	-	-
VT-65	1	1	-	-
VT-80	1	1	-	-
VS-70	1	1	-	-
VS-120	1	2	-	-



Deye

	Single-Phase		Three-Phase	
	On Grid	Off Grid	On Grid	Off Grid
SUN-3.6K-SG01LP1-EU	1	1	-	-
SUN-5K-SG01LP1-EU	1	2	-	-
SUN-6K-SG01LP1-EU	1	2	-	-
SUN-7.6K-SG01LP1-EU	2	3	-	-
SUN-8K-SG01LP1-EU	2	3	-	-
SUN-12K-SG01LP1-EU	3	4	-	-
SUN-14K-SG01LP1-EU	3	5	-	-
SUN-16K-SG01LP1-EU	4	6	-	-
SUN-7.6K-SG02LP1-EU-AM2	2	3	-	-
SUN-8K-SG02LP1-EU-AM2	2	3	-	-
SUN-10K-SG02LP1-EU-AM3	3	4	-	-
SUN-12K-SG02LP1-EU-AM3	3	4	-	-
SUN-3.6K-SG03LP1-EU	1	1	-	-
SUN-5K-SG03LP1-EU	1	2	-	-
SUN-5K-SG04LP3-EU	-	-	1	2
SUN-6K-SG04LP3-EU	-	-	1	2
SUN-8K-SG04LP3-EU	-	-	2	3
SUN-10K-SG04LP3-EU	-	-	3	4
SUN-12K-SG04LP3-EU	-	-	3	4
SUN-3K-SG05LP3-EU	-	-	1	1
SUN-4K-SG05LP3-EU	-	-	1	1
SUN-5K-SG05LP3-EU-SM2	-	-	1	2
SUN-6K-SG05LP3-EU-SM2	-	-	1	2
SUN-8K-SG05LP3-EU-SM2	-	-	2	3
SUN-10K-SG05LP3-EU-SM2	-	-	3	4
SUN-12K-SG05LP3-EU-SM2	-	-	3	4
SUN-14K-SG05LP3-EU-SM2	-	-	3	5
SUN-15K-SG05LP3-EU-SM2	-	-	3	5
SUN-16K-SG05LP3-EU-SM2	-	-	4	6
SUN-18K-SG05LP3-EU-SM2	-	-	4	6
SUN-20K-SG05LP3-EU-SM2	-	-	5	7