

WETAC

/ ENDLESS
ENERGY



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Modes, Cabinet System

Maximum Performance, Ultimate Safety, Limitless Applications – The REVO by WETAC Series Redefines Energy Storage

Designed for demanding applications such as data centers, railway systems, wind-solar hybrid solutions, and UPS systems, these lithium batteries deliver uncompromising efficiency and reliability.

Power & Performance – Lithium iron phosphate (LFP) cells with high discharge rates ensure maximum power output.

Intelligent Control – State-of-the-art BMS and remote cloud management for effortless monitoring and control.

Top-Level Safety – Built-in fire suppression and optional fire protection module with extinguishing system for an extra layer of security.

Durable & Sustainable – Long lifespan and exceptional durability for maximum cost-efficiency.

The REVO series by WETAC is the innovative answer to modern energy demands. With smart communication technology, these batteries integrate seamlessly into UPS systems and inverters from various manufacturers. Choose from multiple communication modes—or opt for fully autonomous operation if preferred.

Versatile Applications

- Low-power UPS systems and inverters of different brands
- Data centres
- Banks and financial institutions
- Rail and transport infrastructure
- Solar hybrid systems
- Backup power in regions with unstable grids

REVO Series Features & Benefits

- Four safety levels – Cell, module, cabinet, and system for ultimate protection.
- High discharge rates – Up to 10C with over 95% efficiency.
- Comprehensive management – Full status and cell monitoring plus device control.
- Long lifespan – Designed for 20 years, with over 2,500 cycles (1C) or 1,000 cycles (4C/0.5C).
- Smart operation – Cloud-based predictive maintenance and system control.
- Optional – Integrated fire protection and safety monitoring system.

Choose the REVO Series and secure an innovative, reliable, and future-proof solution for your energy storage needs. Performance, safety, and efficiency—all in one system.



REVO BY WETAC

Installation and Monitoring

Installation and Monitoring of Battery Modules

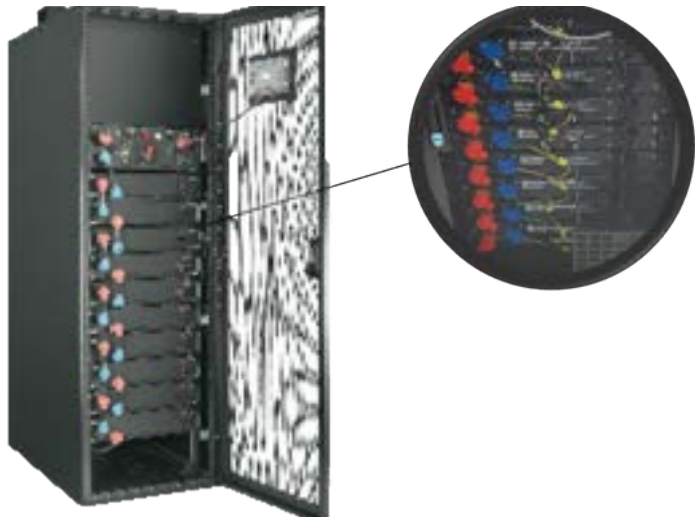
The battery modules are installed in a 19-inch standard battery cabinet. The slide-in system enables quick and straightforward assembly. Battery connections are made to the front of the modules, significantly reducing both installation time and maintenance efforts.

An intelligent monitoring system continuously supervises the battery system—24 hours a day, 7 days a week ensuring reliable operation and safety control.



Cabinet System

The battery cabinet is designed with a clear and structured layout. An integrated display with real-time monitoring allows for immediate detection of the system status of each individual cabinet. Additionally, the system supports FCL transportation, minimizing the number of required construction components.



REVO BATTERY SYSTEM

Overview

The REVO lithium battery series provides an efficient solution to various challenges through its intelligent, modular, and eco-friendly design. It optimizes space usage, simplifies operation and maintenance, reduces replacement costs, and facilitates system expansion. This sets new standards in the development of UPS power supply systems.

What problem does the REVO system solve for your application



Challenging Installations



Restricted Space Requirements



Environmental compatibility



Maintenance Without Intelligence
(smart)



Short Lifespan



Release of Harmful Gases



REVO BY WETAC

REVO TP80 (409.6V / 50Ah) LFP-409.6V50Ah

The LiFePO₄ REVO TP80 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFeP04	System Dimension (WxDxH in mm)	600 x 1000 x 1500
Voltage Range	358.4 ~ 441.6 V	Total Weight	app. 480 kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤85mΩ
Series & Parallels	128S1P	Thermal Management	Air Cooling
Modules	8 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	409.6 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 & 3 pol.	Operating Humidity	< 95%
Rated Capacity	50 Ah	Communication	CAN/RS485/TCP
Rated Energy	20.48 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	358,4 V	Design Life	15 Years
Charge Voltage	435.2 ~ 441.6 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10mS)	5.000		



REVO TP80 (409.6V / 50Ah) LFP-409.6V50Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

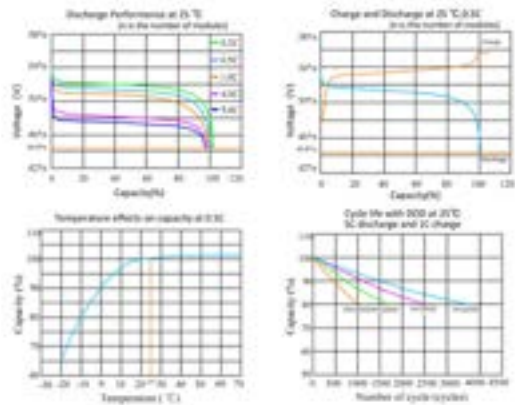


Module 51.2V50Ah

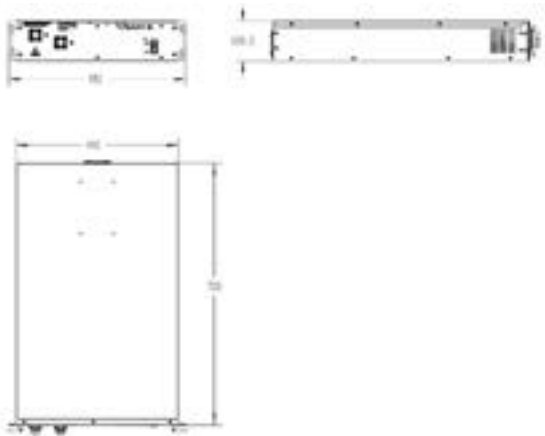
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	91	80	40	27	20
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP80 (409.6V / 50Ah) LFP-409.6V50Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	91,0	91,0	80,0	60,0	40,0	27,0	20,0	13,8	10,4
	2	182,0	182,0	160,0	120,0	80,0	54,0	40,0	27,7	20,8
	3	273,0	273,0	240,0	180,0	120,0	81,0	60,0	41,5	31,2
	4	356,7	356,7	313,6	235,2	156,8	105,8	78,4	54,3	40,8
	5	445,9	445,9	392,0	294,0	196,0	132,3	98,0	67,8	51,0
	6	529,6	529,6	465,6	349,2	232,8	157,1	116,4	80,5	60,5
	7	617,9	617,9	543,2	407,4	271,6	183,3	135,8	94,0	70,6
	8	706,2	706,2	620,8	465,6	310,4	209,5	155,2	107,4	80,7
	9	794,4	794,4	698,4	523,8	349,2	235,7	174,6	120,8	90,8
	10	882,7	882,7	776,0	582,0	388,0	261,9	194,0	134,2	100,9



REVO TP100 (512V / 50Ah) LFP-512V50Ah

The LiFePO₄ REVO TP100 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFePO ₄	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	448 ~ 552 V	Total Weight	app. 550kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤100mΩ
Series & Parallels	160S1P	Thermal Management	Air Cooling
Modules	10 St.	Charge Temperature	0 ~ 50°C
Rated Voltage	512 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	50 Ah	Communication	CAN/RS485/TCP
Rated Energy	25.6 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	448 V	Design Life	15 Years
Charge Voltage	544 ~ 532 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10ms)	5.000 A		



REVO TP100 (512V / 50Ah) LFP-512V50Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

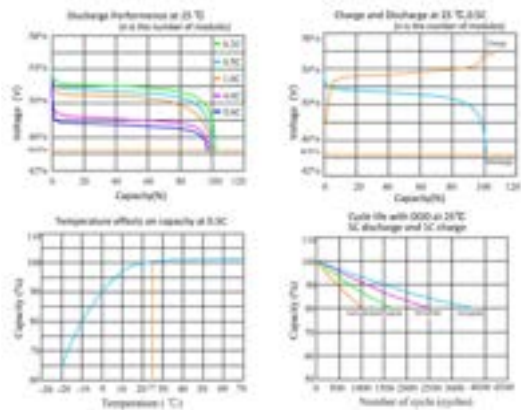


Module 51.2V50Ah

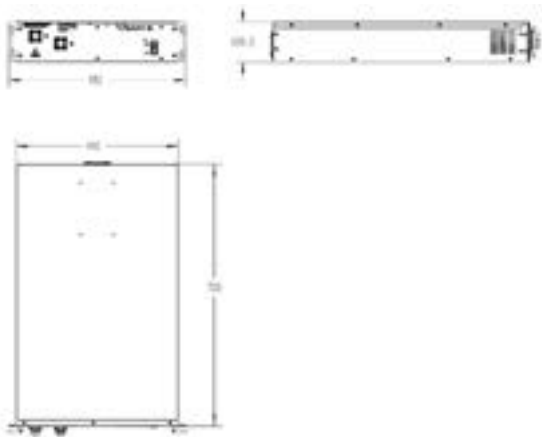
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	114	100	51	34	26
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP100 (512V / 50Ah) LFP-512V50Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	114,0	114,0	100,0	75,0	51,0	34,0	26,0	17,3	13,0
	2	228,0	228,0	200,0	150,0	102,0	68,0	52,0	34,6	26,0
	3	342,0	342,0	300,0	225,0	153,0	102,0	78,0	51,9	39,0
	4	446,9	446,9	392,0	294,0	199,9	133,3	101,9	67,8	51,0
	5	558,6	558,6	490,0	367,5	249,9	166,6	127,4	84,8	63,7
	6	663,5	663,5	582,0	436,5	296,8	197,9	151,3	100,7	75,7
	7	774,1	774,1	679,0	509,3	346,3	230,9	176,5	117,5	88,3
	8	884,6	884,6	776,0	582,0	395,8	263,8	201,8	134,2	100,9
	9	995,2	995,2	873,0	654,8	445,2	296,8	227,0	151,0	113,5
	10	1105,8	1105,8	970,0	727,5	494,7	329,8	252,2	167,8	126,1



REVO TP120 (614.4V / 50Ah) LFP-614.4V50Ah

The LiFePO₄ REVO TP120 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFePO ₄	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	537.6 ~ 662.4 V	Total Weight	app. 620kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤120mΩ
Series & Parallels	192S1P	Thermal Management	Air Cooling
Modules	12 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	614.4 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	50 Ah	Communication	CAN/RS485/TCP
Rated Energy	30.72 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	537.6 V	Design Life	15 Years
Charge Voltage	652.8 ~ 662.4 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10ms)	5.000 A		



REVO TP120 (614.4V / 50Ah) LFP-614.4V50Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

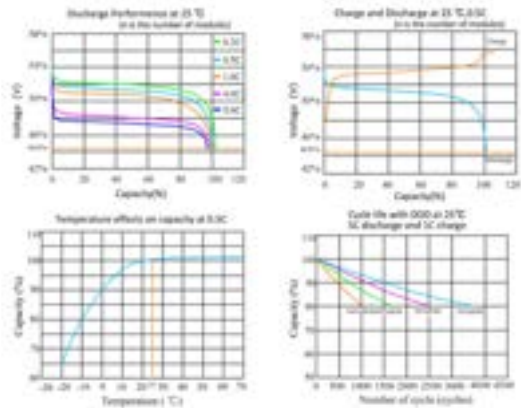


Module 51.2V50Ah

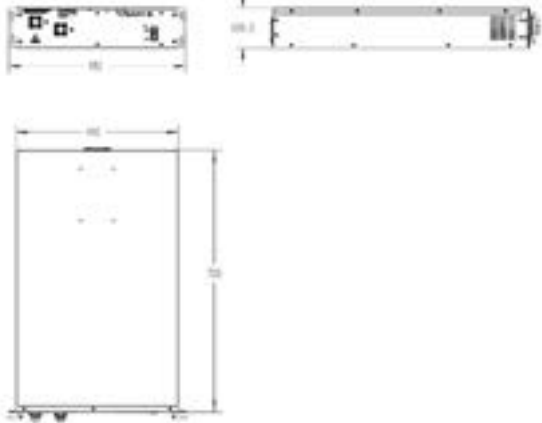
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	137	120	61	41	60
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP120 (614.4V / 50Ah) LFP-614.4V50Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	137,0	137,0	120,0	90,0	61,0	41,0	31,0	20,7	15,5
	2	274,0	274,0	240,0	180,0	122,0	82,0	62,0	41,3	31,0
	3	411,0	411,0	360,0	270,0	183,0	123,0	93,0	62,0	46,5
	4	537,0	537,0	470,4	352,8	239,1	160,7	121,5	81,0	60,8
	5	671,3	671,3	588,0	441,0	298,9	200,9	151,9	101,3	76,0
	6	797,3	797,3	698,4	523,8	355,0	238,6	180,4	120,3	90,2
	7	930,2	930,2	814,8	611,1	414,2	278,4	210,5	140,3	105,2
	8	1063,1	1063,1	931,2	698,4	473,4	318,2	240,6	160,4	120,3
	9	1196,0	1196,0	1047,6	785,7	532,5	357,9	270,6	180,4	135,3
	10	1328,9	1328,9	1164,0	873,0	591,7	397,7	300,7	200,5	150,4



REVO TP160 (409,6V / 100Ah) LFP-409,6V100Ah

The LiFePO₄ REVO TP200 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFePO4	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	358,4 ~ 441,6 V	Total Weight	app. 760kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤50mΩ
Series & Parallels	128S2P	Thermal Management	Air Cooling
Modules	8 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	409,6 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	100 Ah	Communication	CAN/RS485/TCP
Rated Energy	40,96 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	358,4 V	Design Life	15 Years
Charge Voltage	435,2 ~ 441,6 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10ms)	9.000 A		



REVO TP160 (409,6V / 100Ah) LFP-409,6V100Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

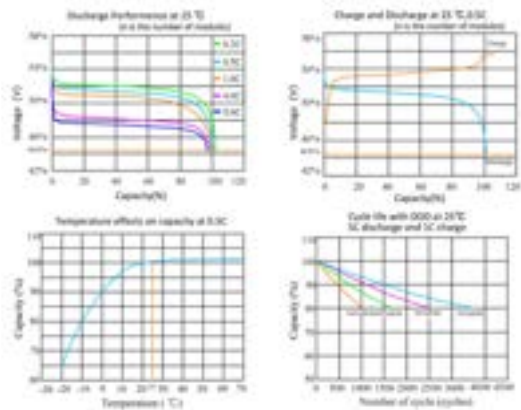


Module 51.2V100Ah

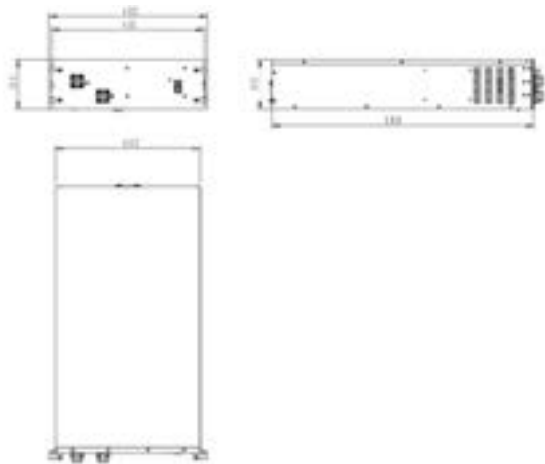
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	200	160	81	54	41
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP160 (409,6V / 100Ah) LFP-409,6V100Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	200,0	188,0	160,0	120,0	80,8	54,4	40,8	27,2	20,4
	2	400,0	376,0	320,0	240,0	161,6	108,8	81,6	54,4	40,8
	3	600,0	564,0	480,0	360,0	242,4	163,2	122,4	81,6	61,2
	4	784,0	736,96	627,2	470,4	316,7	213,2	159,9	106,6	80,0
	5	980,0	921,2	784,0	588,0	395,9	266,6	199,9	133,3	100,0
	6	1.164,0	1094,16	931,2	698,4	470,3	316,6	237,5	158,3	118,7
	7	1.358,0	1276,52	1.086,4	814,8	548,6	369,4	277,0	184,7	138,5
	8	1.552,0	1458,88	1.241,6	931,2	627,0	422,1	316,6	211,1	158,3
	9	1.746,0	1641,24	1.396,8	1.047,6	705,4	474,9	356,2	237,5	178,1
	10	1.940,0	1823,6	1.552,0	1.164,0	783,8	527,7	395,8	263,8	197,9



REVO TP200 (512V / 100Ah) LFP-512V100Ah

The LiFePO₄ REVO TP200 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFeP04	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	448 ~ 552 V	Total Weight	app. 900kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤60mΩ
Series & Parallels	160S2P	Thermal Management	Air Cooling
Modules	10 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	512 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	100 Ah	Communication	CAN/RS485/TCP
Rated Energy	51.2 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	448 V	Design Life	15 Years
Charge Voltage	544 ~ 552 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10mS)	9.000 A		



REVO TP200 (512V / 100Ah) LFP-512V100Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

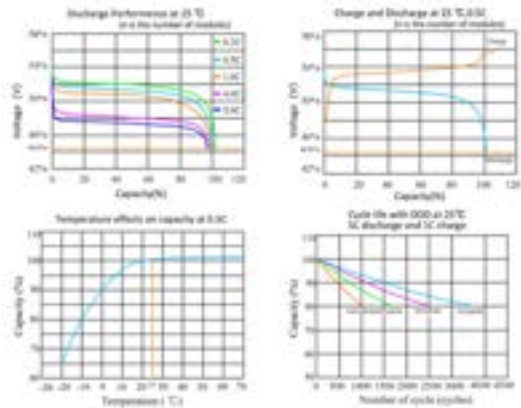


Module 51.2V100Ah

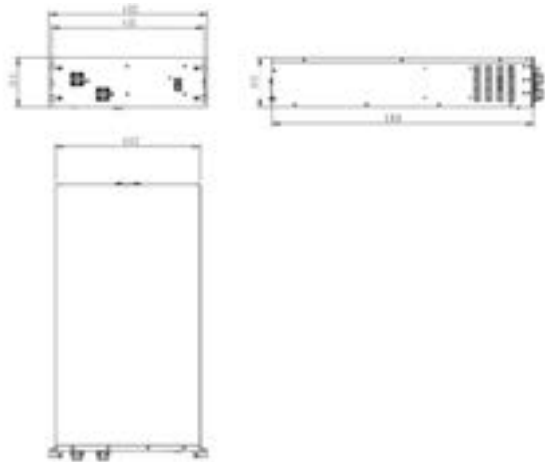
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	250	200	101	68	51
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP200 (512V / 100Ah) LFP-512V100Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	250,0	235,0	200,0	150,0	101,0	68,0	51,0	34,0	25,5
	2	500,0	470,0	400,0	300,0	202,0	136,0	102,0	68,0	51,0
	3	750,0	705,0	600,0	450,0	303,0	204,0	153,0	102,0	76,5
	4	980,0	921,2	784,0	588,0	395,9	266,6	199,9	133,3	100,0
	5	1225,0	1151,5	980,0	735,0	494,9	333,2	249,9	166,6	125,0
	6	1455,0	1367,7	1164,0	873,0	587,8	395,8	296,8	197,9	148,4
	7	1697,5	1595,7	1358,0	1018,5	685,8	461,7	346,3	230,9	173,1
	8	1940,0	1823,6	1552,0	1164,0	783,8	527,7	395,8	263,8	197,9
	9	2182,5	2051,6	1746,0	1309,5	881,7	593,6	445,2	296,8	222,6
	10	2425,0	2279,5	1940,0	1455,0	979,7	659,6	494,7	329,8	247,4



REVO TP240 (614.4V / 100Ah) LFP-614.4V100Ah

The LiFePO₄ REVO TP240 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

RACK SPECIFICATION

Technology	LiFeP04	System Dimension (WxDxH in mm)	600 x 1000 x 2300
Voltage Range	537.6 ~ 662.4 V	Total Weight	app. 1040kg
Cell	3,2 V / 50 Ah	Internal Resist. Fully Charged 25°C	≤70mΩ
Series & Parallels	192S2P	Thermal Management	Air Cooling
Modules	12 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	614.4 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	100 Ah	Communication	CAN/RS485/TCP
Rated Energy	61.44 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	20 ~ 50 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	537.6 V	Design Life	15 Years
Charge Voltage	652.8 ~ 662.4 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	2.500		
Short-circuit Current (<10mS)	9.000 A		



REVO TP240 (614.4V / 100Ah) LFP-614.4V100Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

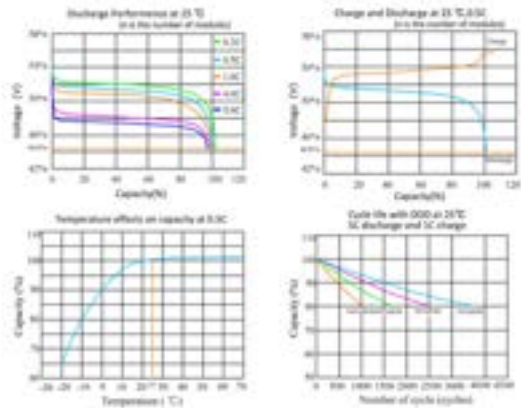


Module 51.2V100Ah

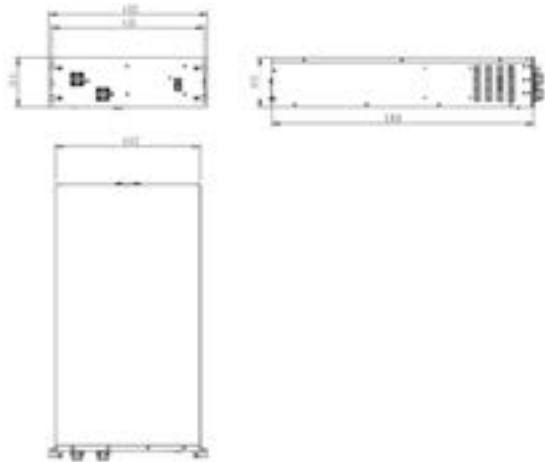
Performance data

Time (min)	10	15	30	45	60
Constant power (kW)	300	240	121	81	51
Constant current (A)	510	400	200	133	100

Characteristics Curve



Module Size



REVO BY WETAC

REVO TP240 (614.4V / 100Ah) LFP-614.4V100Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)								
		10 min.	13 min.	15 min.	20 min.	30 min.	45 min.	60 min.	90 min.	120 min.
DC Load (kW)	1	300,0	282,0	240,0	180,0	121,0	81,0	61,0	40,7	30,5
	2	600,0	564,0	480,0	360,0	242,0	162,0	122,0	81,4	61,0
	3	900,0	846,0	720,0	540,0	363,0	243,0	183,0	122,1	91,5
	4	1176,0	1105,4	940,8	705,6	474,3	317,5	239,1	159,5	119,6
	5	1470,0	1381,8	1176,0	882,0	592,9	396,9	298,9	199,4	149,5
	6	1746,0	1641,2	1396,8	1047,6	704,2	471,4	355,0	236,9	177,5
	7	2037,0	1914,8	1629,6	1222,2	821,6	550,0	414,2	276,4	207,1
	8	2328,0	2188,3	1862,4	1396,8	939,0	628,6	473,4	315,8	236,7
	9	2619,0	2461,9	2095,2	1571,4	1056,3	707,1	532,5	355,3	266,3
	10	2910,0	2735,4	2328,0	1746,0	1173,7	785,7	591,7	394,8	295,9



REVO TPL80 (409.6V / 200Ah) LFP-409.6V200Ah

The LiFePO₄ REVO TPL80 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

TECHNISCHE DATEN IM ÜBERBLICK

Technology	LiFePO ₄	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	358.4 ~ 441.6 V	Total Weight	app. 840kg
Cell	3,2 V / 100 Ah	Internal Resist. Fully Charged 25°C	≤60mΩ
Series & Parallels	128S2P	Thermal Management	Air Cooling
Modules	8 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	409.6 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	200 Ah	Communication	CAN/RS485/TCP
Rated Energy	81.92 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	40 ~ 100 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	358.4 V	Design Life	15 Years
Charge Voltage	435.2 ~ 441.6 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	> 2.000		
Short-circuit Current (<10mS)	ca. 7.000 A		



REVO TPL80 (409.6V / 200Ah) LFP-409.6V200Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

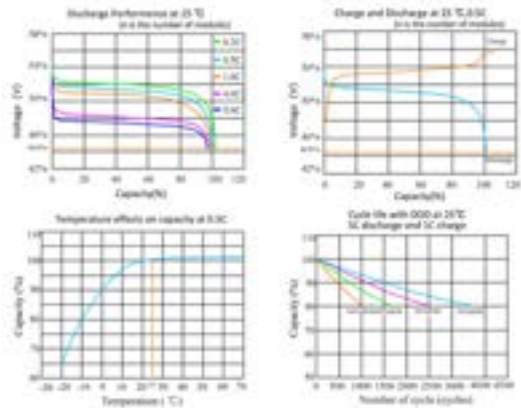


Module 51.2V200Ah

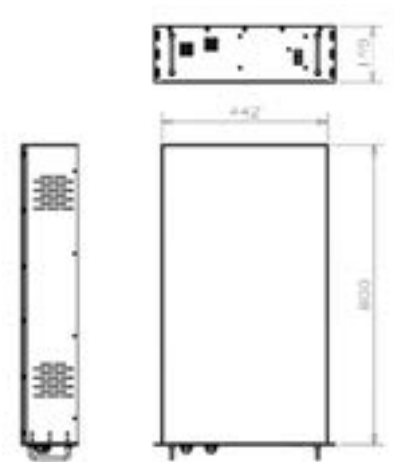
Performance data

Time (min)	60	90	120	180	240
Constant power (kW)	76.8	51.2	39.2	26	19.6
Constant current (A)	200	130	100	65	50

Characteristics Curve



Module Size



REVO BY WETAC

REVO TPL80 (409.6V / 200Ah) LFP-409.6V200Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)				
		60 min.	90 min.	120 min.	180 min.	240 min.
DC Load (kW)	1	76,8	51,2	39,2	26,0	19,6
	2	153,6	102,4	78,4	52,0	39,2
	3	225,8	150,5	115,2	76,4	57,6
	4	301,1	200,7	153,7	101,9	76,8
	5	372,5	248,3	190,1	126,1	95,1
	6	447,0	298,0	228,1	151,3	114,1
	7	516,1	344,1	263,4	174,7	131,7
	8	589,8	393,2	301,1	199,7	150,5
	9	656,6	437,8	335,2	222,3	167,6
	10	729,6	486,4	372,4	247,0	186,2



REVO TPL100 (512V / 200Ah) LFP-512V200Ah

The LiFePO₄ REVO TPL100 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

TECHNISCHE DATEN IM ÜBERBLICK

Technology	LiFePO4	System Dimension (WxDxH in mm)	600 x 1000 x 2000
Voltage Range	448 ~ 552 V	Total Weight	app. 1000kg
Cell	3,2 V / 100 Ah	Internal Resist. Fully Charged 25°C	≤68mΩ
Series & Parallels	160S2P	Thermal Management	Air Cooling
Modules	10 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	512 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	200 Ah	Communication	CAN/RS485/TCP
Rated Energy	102.4 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	40 ~ 100 A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	448 V	Design Life	15 Years
Charge Voltage	544 ~ 552 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	> 2.000		
Short-circuit Current (<10mS)	ca. 7.500 A		



REVO TPL100 (512V / 200Ah) LFP-512V200Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

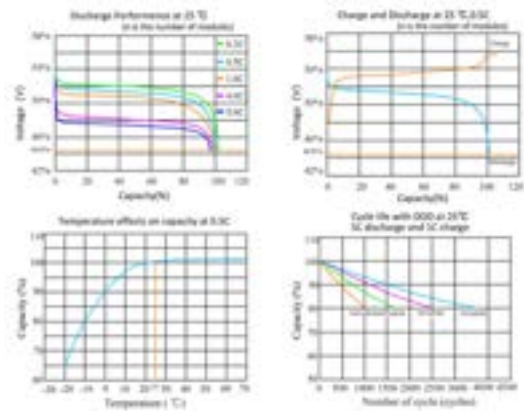


Module 51.2V200Ah

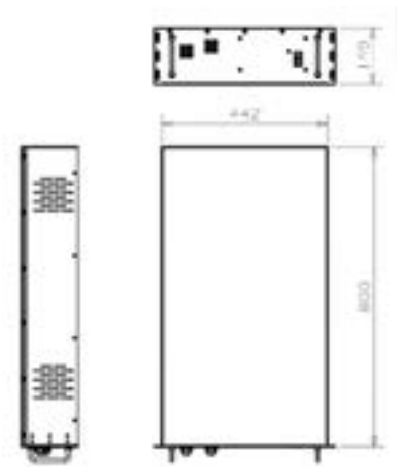
Performance data

Time (min)	60	90	120	180	240
Constant power (kW)	96	64	49	32.5	24.5
Constant current (A)	200	130	100	65	50

Characteristics Curve



Module Size



REVO BY WETAC

REVO TPL100 (512V / 200Ah) LFP-512V200Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)				
		60 min.	90 min.	120 min.	180 min.	240 min.
DC Load (kW)	1	96,0	64,0	49,0	32,5	24,5
	2	192,0	128,0	98,0	65,0	49,0
	3	282,2	188,2	144,1	95,6	72,0
	4	376,3	250,9	192,1	127,4	96,0
	5	465,6	310,4	237,7	157,6	118,8
	6	558,7	372,5	285,2	189,2	142,6
	7	645,1	430,1	329,3	218,4	164,6
	8	737,3	491,5	376,3	249,6	188,2
	9	820,8	547,2	419,0	277,9	209,5
	10	912,0	608,0	465,5	308,8	232,8



REVO TPL120 (614.4V / 200Ah) LFP-614.4V200Ah

The LiFePO₄ REVO TPL120 battery module provides a reliable and safe energy source for UPS and energy storage systems. The complete battery system is optimally designed for these applications and is characterized by an exceptionally long cycle life. Unlike other lithium technologies, the LiFePO₄ battery offers significantly higher safety and stability.

TECHNISCHE DATEN IM ÜBERBLICK

Technology	LiFePO4	System Dimension (WxDxH in mm)	600 x 1000 x 2300
Voltage Range	537.6 ~ 662.4 V	Total Weight	app. 1300kg
Cell	3,2 V / 100 Ah	Internal Resist. Fully Charged 25°C	≤72mΩ
Series & Parallels	192S2P	Thermal Management	Air Cooling
Modules	12 pcs.	Charge Temperature	0 ~ 50°C
Rated Voltage	614.14 V	Discharge Temperature	20 ~ 65°C
Poles connectivity	2 u. 3 pol.	Operating Humidity	< 95%
Rated Capacity	200 Ah	Communication	CAN/RS485/TCP
Rated Energy	122.8 kWh	Dry Contact	3 Out / 1 In
Recommended Charging Current	40 ~ 100A	System Parallels	≤ 15 (GMBS)
Discharge cut-off Voltage	537.6 V	Design Life	15 Years
Charge Voltage	652.8 ~ 662.4 V	Certification	IEC62619 IEC60068 UL9540A, UL1972 CE-LVD (EN62477, 62040) CE-EMC(IEC61000-6-2)
Cycle life 25°C 0,5C/0,5,80% DOD	> 2.000		
Short-circuit Current (<10mS)	ca. 7.800 A		



REVO TPL120 (614.4V / 200Ah) LFP-614.4V200Ah

Technical Data

MORE FEATURES FOR EVEN BETTER RESULTS

- Can/RS485 communication port for monitoring
- Cascade communication of up to 32 BMUs
- Internal cell balancing, passive balancing, maximum balancing current of 300 mA
- High-precision detection of cell voltage and temperature: $\pm 3\text{ mV}$, $\pm 1\text{ }^{\circ}\text{C}$
- Fan control circuit and interface, enabling heat dissipation inside the module

Module Preview

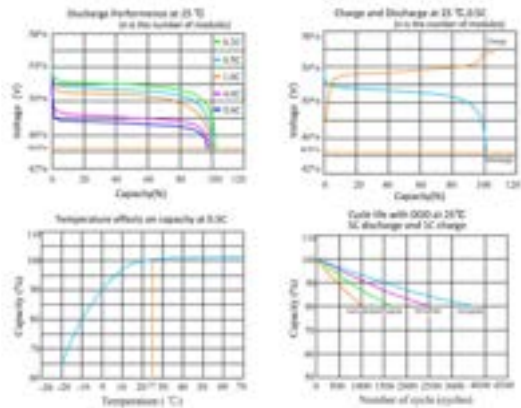


Module 51.2V200Ah

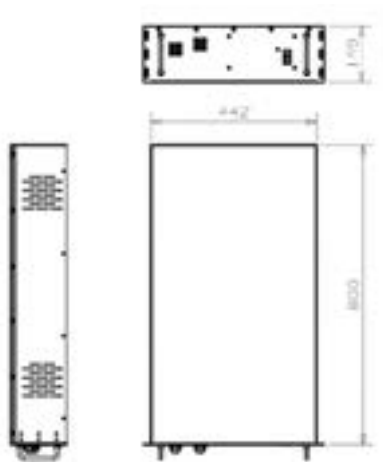
Performance data

Time (min)	60	90	120	180	240
Constant power (kW)	115.2	76.8	58.8	39	29.4
Constant current (A)	200	130	100	65	50

Characteristics Curve



Module Size



REVO BY WETAC

REVO TPL120 (614.4V / 200Ah) LFP-614.4V200Ah

DISCHARGE TABLE

	Rack Qty.	Discharge Time (min.)				
		60 min.	90 min.	120 min.	180 min.	240 min.
DC Load (kW)	1	105,6	70,4	53,9	35,8	27,0
	2	211,2	140,8	107,8	71,5	53,9
	3	310,5	207,0	158,5	105,1	79,2
	4	414,0	276,0	211,3	140,1	105,6
	5	512,2	341,4	261,4	173,4	130,7
	6	614,6	409,7	313,7	208,1	156,8
	7	709,6	473,1	362,2	240,2	181,1
	8	811,0	540,7	414,0	274,6	207,0
	9	902,9	601,9	460,8	305,7	230,4
	10	1003,2	668,8	512,1	339,6	256,0





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