

UPS LFP HV-Battery Product Portfolio

FLEXLI SERIES 7C BATTERY

FlexLi series battery is designed for UPS systems requiring instant high power. It supports 7C discharge, ensuring seamless backup during grid interruptions. Compared to lead-acid, it offers 50% weight reduction, 10+ years life, and faster recharge. With an intelligent BMS for real-time monitoring, it provides a safe, maintenance-free, and compact solution for data centers and critical infrastructure.

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Extraordinary long lifetime and cycle life
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Self-developed BMS and DCDC technology
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With SNMP and TCP/IP to remotemonitoring.
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3 levels protection from cel topack.



Model	FlexLi-Ultra 51285
Battery Module	
Rated Battery Voltage	64V
Rated Capacity	85Ah
Dimension (W*D*H)	483*580*156mm
Weight	52.6kg
Battery System	
System Composition	8 modules + 1 high-voltage box + 1 communication box
Rated Battery Voltage	512V
Battery Capacity	43.52kWh
Maximum Continuous CH/DCH Current	85/600A
Dimension (W*D*H)	600*1000*2000mm
Weight	620kg
Communication	CAN, RS485, DI/DO, SNMP(Optional)
Operating Temp. Range	0~45°C
Protection	Excessive/insufficient voltage, excessive/insufficient temperature, overcurrent, short circuit, etc.



FlexLi series seamlessly integrates with most existing UPS systems, making it an ideal drop-in replacement for lead-acid batteries. Thanks to its advanced BMS, up to 8 units can be connected in parallel without complex external controls, allowing effortless power expansion. This design ensures high system redundancy and reliability, providing a flexible and scalable energy solution for data centers and industrial applications.

Load Power (kW)	Number of battery system clusters (FlexLi-Ultra)							
					1	2	4	4
80	31.3	62.7	94.0	125.3	156.7	188.0	219.3	250.7
100	25.1	50.1	75.2	100.3	125.3	150.4	175.5	200.5
150	16.7	33.4	50.1	66.8	83.6	100.3	117.0	133.7
200	12.5	25.1	37.6	50.1	62.7	75.2	87.7	100.3
250	10.0	20.1	30.1	40.1	50.1	60.2	70.2	80.2
300		16.7	25.1	33.4	41.8	50.1	58.5	66.8
400		12.5	18.8	25.1	31.3	37.6	43.9	50.1
500		10.0	15.0	20.1	25.1	30.1	35.1	40.1
600			12.5	16.7	20.9	25.1	29.2	33.4
750			10.0	13.3	16.7	20.1	23.4	26.8
1000				10.0	12.5	15.0	17.5	20.1