

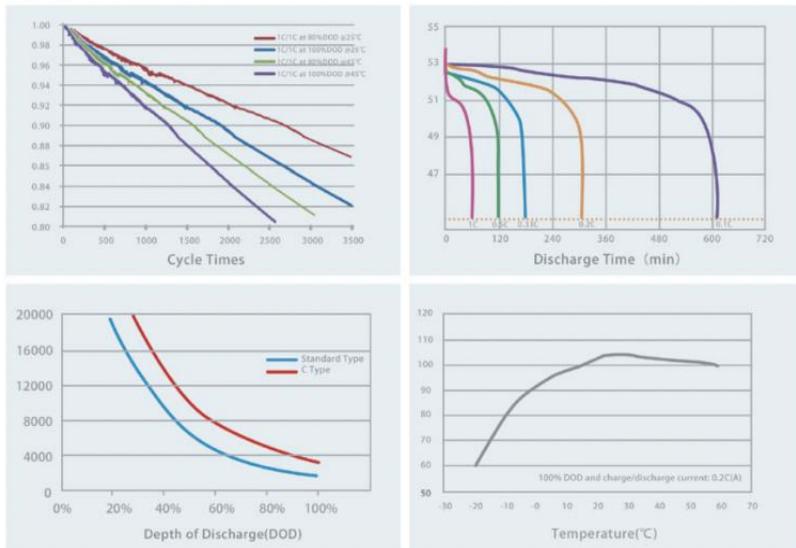
High Voltage LiFePo4 Battery

- * Wide AC voltage choices 96V ~ 512V
- * Produce in premium prismatic cells from CATL, BYD, EVE and Great Power etc;
- * 6000+ cycles and 5-10 years warranty;
- * Has IEC62619, UL1973, UN38.3, CE certificates;
- * With smart master control system for remote control;
- * Customized systems and OEM requests are all welcomed!



96V ~ 512V commercial/industrial lifepo4 battery

LINEAR CURVE TABLE



Parameter

Model Number	TKHV102105	TKHV204105	TKHV256105	TKHV409105	TKHV512105	TKHV614105
Rated voltage	102.4V	204.8V	256V	409.6V	512V	614.4V
Working voltage range	80-116.8V	160-230.4V	200-288V	320-460.8V	400-576V	480-691.2V
Charge voltage	108.8-112V	217-230.4V	272-288V	428-435V	544-576V	652-691.2V
Floating charge voltage	107.2-108.8V	214.4-217V	268-272V	428-435V	536-544V	643-652V
Rated capacity	105AH					
Energy	819WH	1075WH	1638WH	2355WH	2867WH	6451WH
Rated charge current	50A					
Peak charge current	105A					
Rated discharge current	105A					
Peak discharge current	210A					
Charge temperature	0-55°C					
Discharge temperature	-10-55°C					
Optimum temperature	15-25C					
Cooling method	Natural cooling					
Relative humidity	5%-95%					
Altitude	≤2000M					
Cycle Life	≤3500 times @ 80% DOD,0.5C/0.5C,25°C					
Communication interfaces	CAN2.0/RS485/Dry					
Protection	Over temperature, over current, over voltage, insulation and other multiple protection					
Display	LCD					
Design lifetime	≥10 years					
Certification	UN383/UL1973/IEC62619					
Dimension (L*W*H)	600*600*550	600*600*1287	600*600*1510	(600*600*1287)*2	(600*600*1510)*2	(600*660*1954M)*2
Weight	145KG	275KG	325KG	540KG	630KG	850KG
Module modle	51.2V50AH	51.2V105AH	51.2V105AH	51.2V105AH	51.2V105AH	51.2V105AH
Serial/Parallel	16S1P					
Module dimension	482.6*416.2*177					
Module weight	46.5KG					
Number of modules	2PCS	4PCS	5PCS	8PCS	10PCS	12PCS
Battery type	LiFePO4					

