

Timi-Lit PW Series

Lithium Battery



FEATURES



Intelligent BMS



Top Quality Battery Cell



Super Safety



Long Lifespan

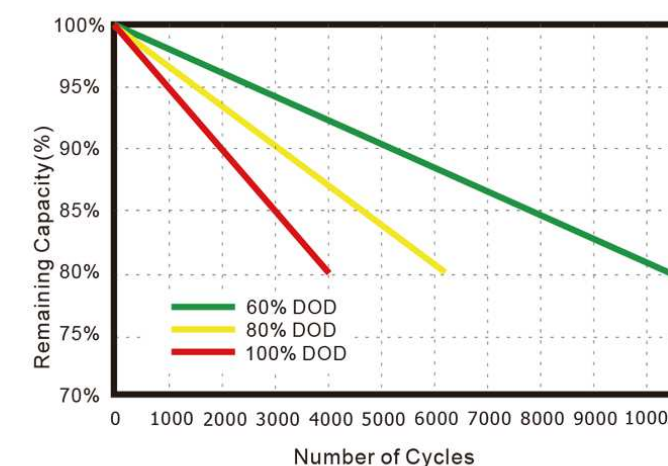
- » AUTOMOTIVE GRADE CELLS-16 CELL CONFIGURATION
- » INTEGRATED CAN OR RS485 COMMUNICATION
- » LCD DISPLAY SHOWS BATTERY DETAILED PARAMETERS
- » PRE-CONFIGURED WITH OPTIMAL PARAMETERS
- » COMMUNICATED WITH MOST INVERTER BRANDS
- » UPPER COMPUTER SOFTWARE MONITOR
- » INTELLIGENT BMS WITH FULL PROTECTION

SPECIFICATIONS

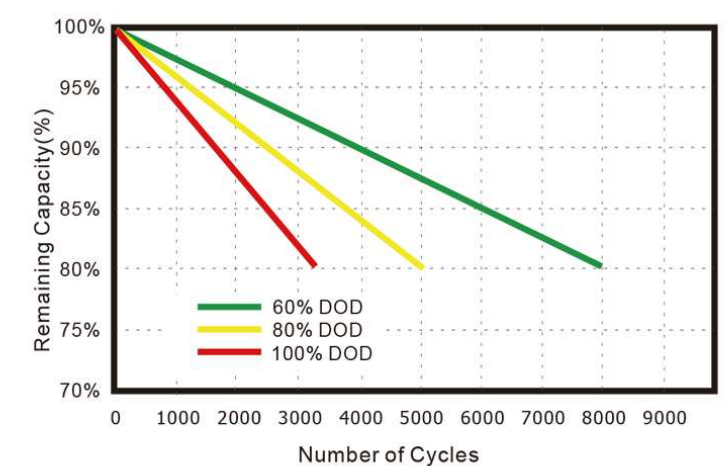
Model	PW5000C	PW10000C
Rated energy	5.12kWh	10.24kWh
Rated voltage	51.2V	51.2V
Rated capacity	100Ah	200Ah
Voltage range	40~57.6V	40~57.6V
Recommended charge current	<50A	<50A
Max. charge current	100A	100A (or 200A optional)
Max. discharge current	100A	100A (or 200A optional)
Cycle life	>6000 cycles @ 80% DOD	>6000 cycles @ 80% DOD
Parallel Function	Support 8 units parallel	Support 8 units parallel
Dimension (W*D*H, mm)	543*505*162	673*618*193
Weight	46kg	90kg
Communication Mode	RS232 / RS485 / CAN	
Charging temperature	0°C~45°C	
Discharging temperature	-20°C~60°C	
Recommended storage temperature	15°C~35°C	

Cycle Life Curve

● Different discharge depth life curves & 25°C 0.5C

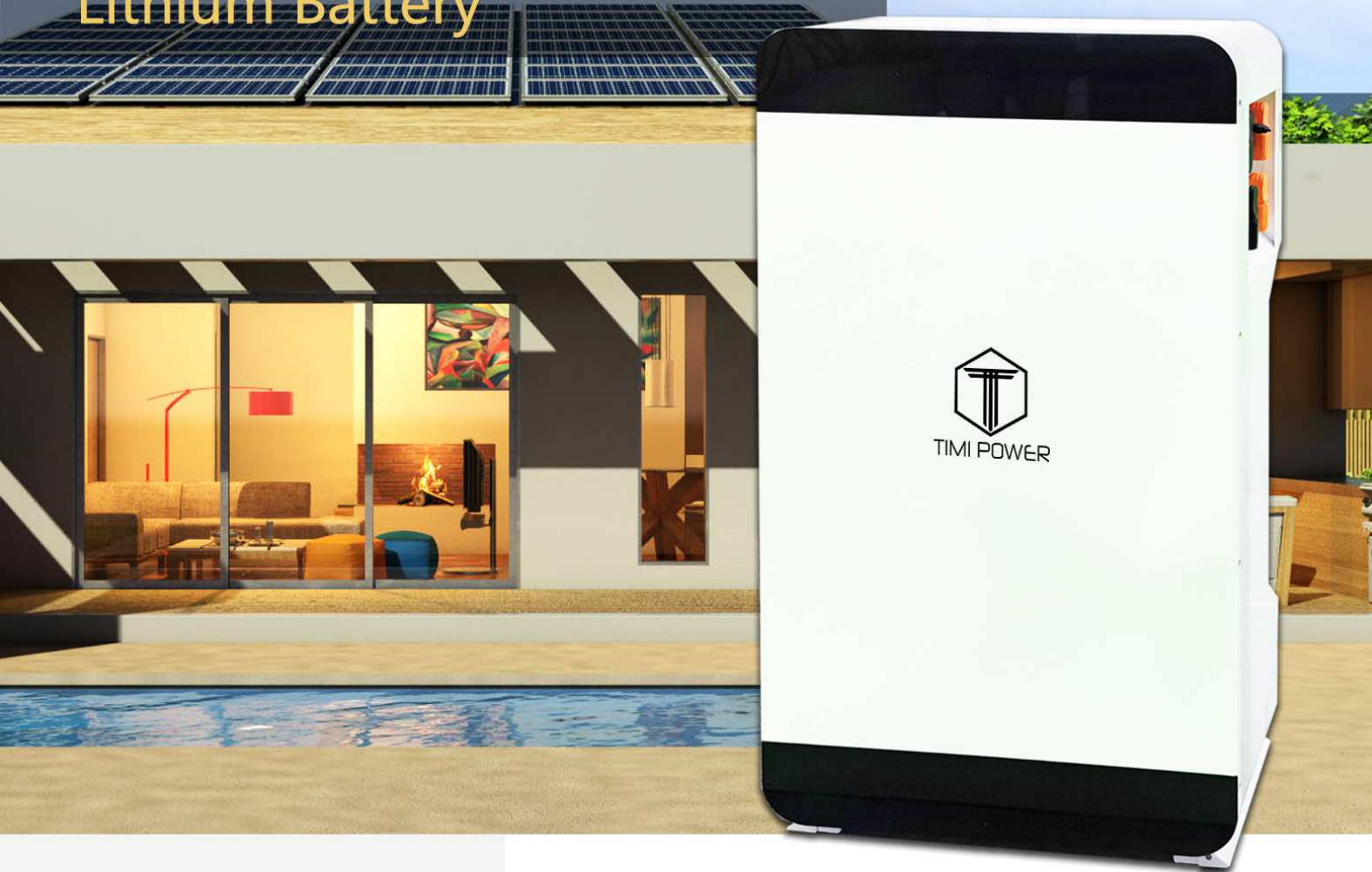


● Different discharge depth life curves & 40°C 0.5C



Timi-Lit PWH Series

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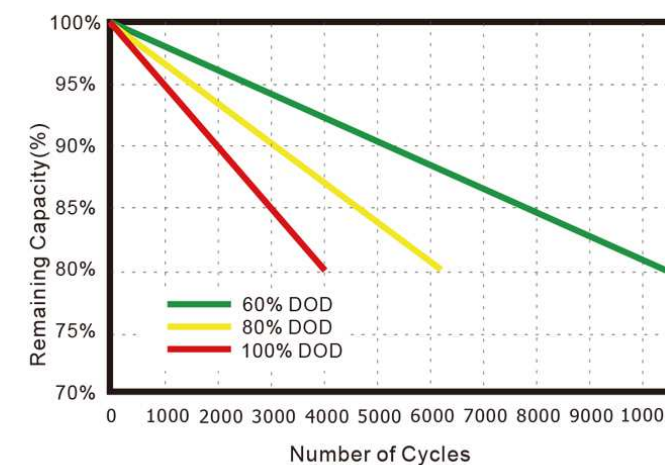
- » 192V OR 256V, HIGH VOLTAGE MODEL
- » INTEGRATED CAN OR RS485 COMMUNICATION
- » PRE-CONFIGURED WITH OPTIMAL PARAMETERS
- » COMMUNICATED WITH INVERTER
- » INTELLIGENT BMS WITH FULL PROTECTION

SPECIFICATIONS

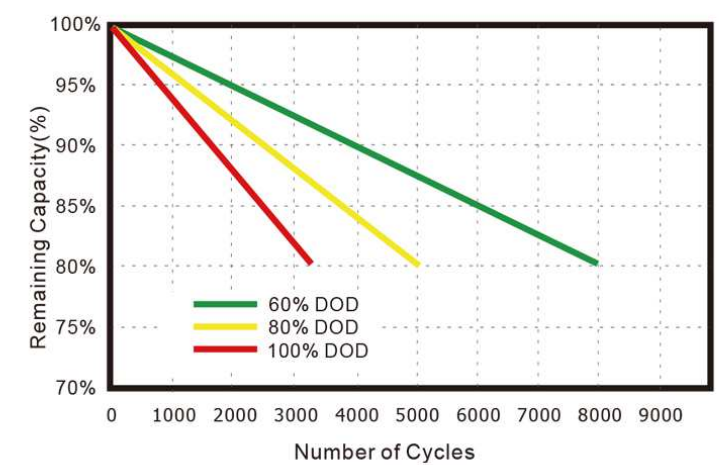
Model	PWH10000A	PWH13000A
Rated energy	10kWh	13.3kWh
Rated voltage	192V	256V
Rated capacity	52Ah	52Ah
Voltage range	150~219V	200~292V
Max. charge current	50A	50A
Max. discharge current	50A	50A
Cycle life	>6000 cycles @ 80% DOD	>6000 cycles @ 80% DOD
Connect in Parallel	Support 30 units connect in series	Support 30 units connect in series
Dimension (W*D*H, mm)	980*520*200mm	1050*550*200mm
Weight	105kg	140kg
Communication Mode	RS485 / CAN	RS485 / CAN
Charging temperature	0°C~45°C	0°C~45°C
Discharging temperature	-20°C~60°C	-20°C~60°C
Recommended storage temperature	15°C~35°C	15°C~35°C

Cycle Life Curve

● Different discharge depth life curves & 25°C 0.5C



● Different discharge depth life curves & 40°C 0.5C



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Timi-Lit RK Series

Lithium Battery



SPECIFICATIONS

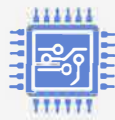
Model	Timi-Lit RK3000A	Timi-Lit RK5000A
Rated energy	3.07kWh	5.12kWh
Rated voltage	51.2V	51.2V
Rated capacity	60Ah	100Ah
Voltage range	40~58.4V	40~58.4V
Recommended charge current	≤ 30A	≤ 50A
Max. discharge current	70A	100A
Cycle life	>6000 cycles @ 80% DOD	>6000 cycles @ 80% DOD
Dimension (W*D*H, mm)	442*430*88	442*470*154
Weight	30kg	46kg
Communication Mode	RS485 / CAN	
Charging temperature	0°C~45°C	
Discharging temperature	-20°C~60°C	
Recommended storage temperature	15°C~35°C	



Indoor Cabinet



Outdoor Cabinet



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Timi-Lit HV Series

High Voltage Lithium Battery



SPECIFICATIONS

Model	Timi-Lit HV50	Timi-Lit HV70	Timi-Lit HV100
Module rated voltage	51.2V		
Rated capacity	50Ah	75Ah	100Ah
System rated voltage range	51.2V~1000V(Match with neutral line design)		
Mas. discharge current	600A (Single battery cabinet)		
Module Dimension (W*D*H, mm)	442*430*108	442*430*108	442*430*108
Module Weight	28kg	40kg	52kg
LED display	Customized		
BMS	Integrated with software BMS		
Charging temperature	0°C~45°C		
Discharging temperature	-20°C~60°C		
Cycle life	>6000 times@25°C, 0.5C,80%DOD		
Shell	Metal		



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Battery Module



CBMS



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