$LiFePO_4$ Batteries

Lead-Acid vs Lithium Battery

	Lead-Acid Battery	PRD LiFePO4 Battery
Cost of Ownership	High maintenance costs; annual replacement	Low operational cost; 4-year replacement cycle
Maintenance	Frequent maintenance	Zero maintenance
Warranty	1-Year	4-Years
Utilization	Requires full charge before use	Charge anytime, use instantly
Battery Decay	50% capacity loss per year	5% capacity loss per year
Lifespan	500 cycles	2000 cycles



P24105-2688Wh

Specification			
Rated capacity	105AH	Cut-off voltage	20V (±1V)
Nominal voltage	25.6V	Internal resistance	≤20mΩ
Charge voltage	29.2V (±0.2V)	Weight (about)	24KG
Rated charge current	15A	Size (L*W*H)	350*296*220mm
Maximum charge current	50A	Operating temperature	Charge: 0~55℃ Discharge: -20~55℃
Rated discharge current	50A	Storage temperature	0~50℃
Maximum discharge current	100A	Certificate	CE/MSDS/UN38.3



P24210-5376Wh

Specification			
Rated capacity	210AH	Cut-off voltage	20V (±1V)
Nominal voltage	25.6V	Internal resistance	≤20mΩ
Charge voltage	29.2V (±0.2V)	Weight (about)	42KG
Rated charge current	30A	Size(L*W*H)	420*350*240mm
Maximum charge current	100A	Operating temperature	Charge: 0~55℃ Discharge: -20~55℃
Rated discharge current	100A	Storage temperature	0~50℃
Maximum discharge current	150A	Certificate	CE/MSDS/UN38.3

All information stated is correct and may subject to change without notice
For updates or more information regarding the product, please refer to www.supersteam.com.sg
For Enquires, please email us at info@supersteam.com.sg

LiFePO$_4$ Batteries

Battery Core Features

6 Smart Features

One-touch self-test
Auto Fault
Alerts & Self-Repair



Intelligent Voice
Remote fault detection
24/7 lithium battery
status monitoring



Extended Lifespan
>3500 cycle times,ensuring
long-term durability



Ultra-Low Power Storage
Microamp self-discharge,
auto sleep when idle.



Robust Protection
Eave-style cover, IP65
dustproof/waterproof
shock-resistant



Five-Tier Fire Protection
Prevents thermal runaway
and fire incidents



Optional Function

Bluetooth | Heating | Communication | Display