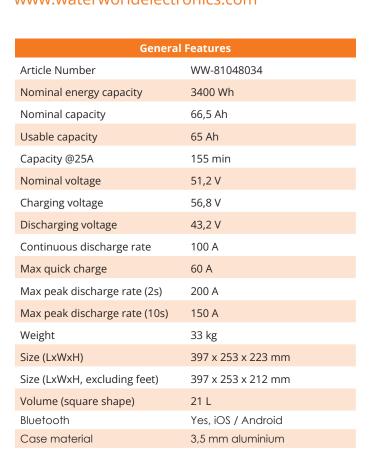
Technical Specifications

WaterWorld 48-3400

Below are the specifications of the WaterWorld 48-3400 lithium battery. For more information, please visit: www.waterworldelectronics.com



User Information			
Ambient temperature during discharging	-18°C to 55°C		
Ambient temperature during charging	2°C to 45°C		
Ambient temperature during storage	-25°C to 55°C		
Typical storage time at 50% SoC	40 weeks		
Max connections	Up to 1 Series 8 Parallel		
Protection class (excluding salt water)	IP67		

water,			
Lifetime Data			
Cycle life	>4000 cycles with 80% discharge depth at 25 °C to capacity loss of 20% at 0,5C		
Average annual capacity loss	Approximately 2% at 25°C ambient temperature		
Ideal storage temperature	10°C to 30°C		





Temperature monitoring of battery

Battery certifications/ compliance

Battery certifications/ compliance

electronics

Shipping classification





Battery Composition				
Cell type	Cylindric	cal		
Chemistry	LiFePo4			
Capacity per cell	6.05 Ah			
Nominal voltage per cell	3,2 V			
Cell configuration	16s 11p			
Battery Management and Safety				
On-off switch		Yes		
Terminals		Flexconnect		
Cell balancing, passive		Yes		
High current and short-circuit protection		Yes, up to 1500 A		
Deep discharge protection		Yes		
Protection against polarity reversal		Yes		
Individual cell string voltage monitoring		Yes		
Safety vent for each cell		Yes		
Cell temperature monitoring		Yes		

Yes

CE UN38.3

UN3480 CLASS 9