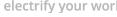


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Below are the specifications of the WaterWorld 12-1700 lithium battery. For more information, please visit: www.waterworldelectronics.com

Technical Specifications

WaterWorld 12-1700

General Features		
Article Number	WW-81012017	
Nominal energy capacity	1700 Wh	
Nominal capacity	133 Ah	
Usable capacity	129 Ah	
Capacity @25A	310 min	
Nominal voltage	12,8 V	
Charging voltage	14,2 V	
Discharging voltage	10,8 V	
Continuous discharge rate	150 A	
Max quick charge	80 A	
Max peak discharge rate (2s)	300 A	
Max peak discharge rate (10s)	200 A	
Weight	19 kg	
Size (LxWxH)	242 x 253 x 223 mm	
Size (LxWxH, excluding feet)	242 x 253 x 212 mm	
Volume (square shape)	13 L	
Bluetooth	Yes, iOS / Android	
Case material	3.5 mm aluminium	

User Information		
-18°C to 55°C		
2°C to 45°C		
-25°C to 55°C		
40 weeks		
Up to 1 Series 8 Parallel		
IP67		

Lifetime Data		
Cycle life	>4000 cycles with 80% dis- charge 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	

Battery Composition		
Cell type	Cylindrical	
Chemistry	LiFePo4	
Capacity per cell	6.05 Ah	
Nominal voltage per cell	3,2 V	
Cell configuration	4s22p	

Battery Management and Safety		
On-off switch	Yes	
Terminals	M8 screw F	
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	
Temperature monitoring of battery electronics	Yes	
Shipping classification	UN3480 CLASS 9	
Battery certifications/ compliance	CE UN38.3 ROHS	
Battery cells certifications/ compliance	UL	

CE IEC62133 IEC62619 EC61960 BIS **PSE** RoHS UN38.3