



Golf Cart
Battery

Lithium LiFePO4 Battery

Golf Cart Application

Arenq Golf Cart Series

The Arenq Series from Sunlit Power features advanced Lithium Iron Phosphate (LiFePO₄) battery technology, engineered specifically for Golf Carts. These batteries offer superior safety, extended cycle life, fast charging capability, and high thermal stability—making them the ideal choice for reliable, efficient, and long-lasting electric golf cart performance.



Long Life
cycles



Fast
Charging



Bluetooth
Connectivity



Smart Display
Connectivity



Compact
Design



Eco-Friendly

The Arenq Golf Cart series range also includes system from 48V to 72V.



General Characteristics				
MODEL	ARENQLFP 48-100	ARENQLFP 48-150	ARENQLFP 48-200	ARENQLFP 73.6-100
Power(W)	4800	7200	9600	7360
Nominal Voltage(V)	48			73.6
Capacity (AH)	100	150	200	100
No of Cell in Series	15			23
No of Cell in Parallel	1	1	1	1
Total No of Cell		15		23
Cell Type	Prismatic			
Chemistry	LFP			
Electrical Characteristics				
Maximum Cut-Off Voltage (V)	54.75			83.95
Minimum Cut-Off Voltage (V)	42			64.4
Charging Voltage(V)	54.75			83.95
Charging Current Range(A)	50	50	50	50
Discharging Current Range (A)	100	150	200	100
Cell Discharging Protection Level (V)	2.8			
Cell Charging Protection Level (V)	3.65			
Balancing Current (mA)	200			
Cycle Life	2500 - 3000			
DOD Level	100%			
Temperature				
Working Temperature (°C)	-20 C to +60 C			
Storage Temperature (°C)	23 C - 27 C (30% SOC)			
Dimension(mm)	Customised			
Weight (Kg) Approx.	55	72	88	70
Power Connector	As per Requirement			