



Lithium Battery

Arenq Series



Golf Cart Battery



Golf Cart Battery

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	1/2	1
Total No of Cell	15	15	15/30	23
Cell Type	Prismatic			
Chemistry	LiFePO ₄			
Communication	RS485, can bluetooth optional			

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)	80 - 120 mA			
Cycle Life	6000+			
DOD Level	80%			

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			