

RoyPow®

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LIFEPO4 ELECTRIC VEHICLE BATTERIES



FLEET - PRIVATE - COMMERCIAL - TURF



LONG LIFE



ECO FRIENDLY



MAINTENANCE FREE



FAST CHARGING



ULTRA SAFE



5 YEAR WARRANTY

AFFORDABLE - DURABLE - RELIABLE

UNITS 1 - 3 / 15 RENE STREET
NOOSAVILLE QLD 4566



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QLD GOLF CARTS

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Technical Specifications	56 A	105 A	160 A
Nominal Voltage	51 V	51 V	51 V
Nominal Capacity	56 Ah	105 Ah	160 Ah
Stored Energy	2.8 kWh	5.3 kWh	8.2 kWh
Life Cycles	>3500 Times	>3500 Times	>3500 Times
Self Discharge	Max 3% per Month	Max 3% per Month	Max 3% per Month
Continuous charge current	56A	105A	160A
Continuous discharge current	100A	100A	100A
Maximum discharge current	115A	115A	115A
Quick Charging time	1.0 h	1.0 h	1.0 h
Standard Charging time	2.5h	5.0h	5.0h
Charge Temperature range	0° C - 50° C	0° C - 50° C	0° C - 50° C
Discharge temperature range	-20° C - 50° C	-20° C - 50° C	-20° C - 50° C
Storage temperature range	-20° C - 45° C (1 Month) 0° C - 35° C (1 Year)	-20° C - 45° C (1 Month) 0° C - 35° C (1 Year)	-20° C - 45° C (1 Month) 0° C - 35° C (1 Year)
General Specifications	56 A	105 A	160 A
Cell Combination	16S1P	16S1P	16S2P
Cell Assembly	LF56 (3.2V 56Ah)	LF105 (3.2V 105Ah)	LF80 (3.2V 80Ah)
Casing Material	Cold Rolled Steel	Cold Rolled Steel	Cold Rolled Steel
Weight	33.1 Kg	43.2 Kg	72 Kg
Dimensions (L*W*H)	46 cm x 33.4 cm x23.2 cm	46 cm x 33.4 cm x23.2 cm	80 cm x 31.8 cm x21.2 cm
IP Rate	IP67	IP67	IP67