

Battery Information

Cell Type:

Use C ratings

Series Parallel

Cell Capacity Ah

Cont. Discharge A C

Max. Discharge A C

Drive Train

Motor kv poles

Efficiency %

Wheel size mm

Motor pulley Teeth

Wheel pulley Teeth

Avg. Energy Use Wh/km

12S4P 12.0Ah 50.4V

Gear Ratio	3.75	
Loaded Speed:	47.9	km/h
Loaded Speed:	29.7	mph
Max Speed:	59.8	km/h
Max Speed:	37.2	mph
Estimated Range:	46.3	km
Estimated Range:	28.8	mi

Total battery voltage:	43.2	V (Volts)
Total battery capacity:	12.0	Ah (Amp-hours)
Total battery energy:::	518	Wh (Watt-hours)
Cont. battery power:	1728	W (Watts)
Max battery power:	3456	W (Watts)
Cont. discharge:	40.0	A (Amps)
Max discharge:	80.0	A (Amps)

57456	Max ERPM
45965	Loaded ERPM
8208	Max motor RPM
6566	Loaded motor RPM
2189	Max wheel RPM
1751	Loaded wheel RPM