



Electric Farm Equipment List
 Sonoma Resource Conservation District
 October 2022

Green= Tractor
 Blue= UTV (2-4 person capacity)
 Yellow= ATV (single person capacity)

Vehicle Model + Brand	Power	Run Time (or Range)	Battery	Implements	Price	Additional Info
e25 Compact Electric Tractor Solectrac	25 horsepower	3-6 hour run time with 22 kWh battery, depending on load	Charges in under 8 hrs from 220VAC, 30-amp outlet or overnight from a 110VAC, 15 amp outlet 10-year battery life depending on operating cycles and depth of discharge	Accepts all Category 1N, 540 PTO implements, including hydraulics on its rear 3-point hitch	\$27,999	<ul style="list-style-type: none"> • 108" length, 46" width • 4WD with differential lock • 1,300 lb lifting capacity • 3,000 lb towing capacity • 10" ground clearance Website: https://solectrac.com/cet-electric-tractor
E70N Narrow Electric Tractor Solectrac	70 horsepower	3-8 hour run time depending on the load, can double the range with an exchangeable pack	Charges in 8-10 hrs with 220 VAC, 50 amps, or 6 hrs with an 8 kW solar array 10-year battery life depending on operating cycles and depth of discharge	Accepts all Category 1 and 2 implements on the rear three-point hitch	\$74,999	<ul style="list-style-type: none"> • 144" length, 54-62" width • 4WD, 0-25 mph speed range • 2,000 lb lifting capacity • 8" ground clearance Website: https://solectrac.com/e70n-electric-tractor
MK-V Monarch	40-70 horsepower	10+ hour run time	Charges in 5-6 hrs with a 240V 80A/40A outlet	Category 1 and 2 on three-point hitch, hydraulic top with side links to hook up implements	\$68,000	<ul style="list-style-type: none"> • 146.7" length, 48.4" width • Onboard smart screen with interactive live map • Option for autonomous control using Monarch interface Website: https://www.monarchtractor.com/mkv-electric-tractor.html

Ranger EV Polaris	30 horsepower	35-45 mile range	Charges in 8-12 hrs	Standard 2” receiver hitch	\$14,699	<ul style="list-style-type: none"> • 110” length, 58” width • 10" ground clearance • 1,000 lb payload capacity • 1,500 lb towing capacity Website: https://ranger.polaris.com/en-us/ranger-ev/
Ranger XP Kinetic Premium Polaris	110 horsepower	45 mile range	Charges in as fast as 5 hrs from 120V or 240V outlet, comes with a combined level 1/level 2 charger 3 kW On-board charger 14.9kWh lithium-ion battery	Standard 2” hitch receiver	\$24,999	<ul style="list-style-type: none"> • 120” length, 62.5” width • 14" ground clearance • 1,500 lb payload capacity • 2,500 lb hitch tow rating • Three drive modes: Eco+, Standard, and Sport Website: https://ranger.polaris.com/en-us/ranger-xp-kinetic/
Ranger XP Kinetic Ultimate Polaris	110 horsepower	80 mile range	Charges in as fast as 5 hrs from 120V or 240V outlet, comes with a combined level 1/level 2 charger 6 kW On-board charger 29.8kWh lithium-ion battery	Standard 2” hitch receiver	\$29,999	<ul style="list-style-type: none"> • 120” length, 62.5” width • 14" ground clearance • 1,500 lb payload capacity • 2,500 lb hitch tow rating • Three drive modes: Eco+, Standard, and Sport Website: https://ranger.polaris.com/en-us/ranger-xp-kinetic/
Gator® TE 4x2 Electric John Deere	6 horsepower	Full day of run time	Charges in 12-16 hrs using 120 VAC 60Hz input On-board charger 48V electrical system Trojan® T-145 batteries	1.25” hitch receiver	\$14,649	<ul style="list-style-type: none"> • 105” length, 60” width • 16.4 cubic foot capacity cargo box • 900 lb payload capacity • 600 lb towing capacity • 0-13 mph speed range Website: https://www.deere.com/en/gator-utility-vehicles/traditional-gators/te-4x2-electric-utility-vehicle/

<p>EV Adventure</p> <p>DRR USA</p>	5kW Motor	50 mile range	<p>Charges in 6-8 hours</p> <p>72V lithium-ion battery</p>	Standard 2" hitch receiver	\$9,499	<ul style="list-style-type: none"> • 81.5" length, 46" width • 12" ground clearance • 2WD (rear wheel drive) • 600lb towing capacity • 35 mph max speed <p>Website: https://www.drrusa.com/ev-adventure-powerful-electric-atv</p>
<p>EV Safari 4x4</p> <p>DRR USA</p>	7kW motor	35 mile range	<p>Charges in 4-6 hours</p> <p>72V lithium-ion battery</p>	Standard 2" hitch receiver	\$14,999	<ul style="list-style-type: none"> • 81.5" length, 46" width • 12" ground clearance • 2WD, 4WD, and 4WD locked diff • 800 lb towing capacity • 45 mph max speed <p>Website: https://www.drrusa.com/evsafari-4x4</p>
<p>Beast AWD ATV Deluxe</p> <p>Daymak</p>	Dual 1000W motors	~30 mile range	<p>Charges in 6-8 hours</p> <p>60V 50AH lead acid battery</p> <p>110V-240V charger input</p>	Front winch and rear ball joint	\$7,999	<ul style="list-style-type: none"> • 66" length, 43" width • 2,000 lb towing capacity • 30 mph max speed <p>Website: https://www.daymak.com/offroad/beast-awd-atv.html</p>
<p>Beast AWD ATV Ultimate</p> <p>Daymak</p>	Dual 1000W motors	~60-220 mile range depending on batter pack option	<p>Charges in 4-8 hours</p> <p>Pack of 1 - 8 60V 40AH Lithium Ion batteries and 60V 50AH lead acid battery</p> <p>110V-240V charger input</p>	Front winch and rear ball joint	\$9,999	<ul style="list-style-type: none"> • 66" length, 43" width • 2,000 lb towing capacity • Built-in inverter to charge small devices • \$2,499 for each additional battery <p>Website: https://www.daymak.com/offroad/beast-awd-atv-ultimate.html</p>