

**Liberty  
EM3500**

**3500w—\$3895  
5000w—\$5495**



**Motor:** 3500 watt or 5000 wattbrushless motor  
**Battery:** 60v or 72v 40Ah, **LiFePO4**  
**Optional:** 60V 40AH Lead Acid  
**Capacity:** 440 lbs., Two Riders  
**Max Speed:**  
- 42mph + on 60V on real road testing  
- 60mph+ on 72v  
**Max Torque:** up to 160Nm at 80A current  
**Climbing Ability:** 25% slope stop and start  
**Range:** at 20 mph cruise speed up to 90 miles based on good road conditions  
at top cruise speed up to 50 miles based on good road conditions  
**Brakes:** Front / Rear Disc brake  
**Tires:** 4.0 - 13  
**Gross Weight:** 265 lb. (120kg)  
**Size:** 79" x 23" x 47"  
**Seat Height:** 34"  
**Seat:** Large Comfort-style fixed height seat  
**Mirrors:** Right and Left mirrors included  
**Throttle:** Twist throttle on the right grip  
**Security:** Key for power, key lock for battery  
**Lights:** Complete DOT lighting  
**Charger:** 120v/60hz., 2 - 8 hours charge time  
**Color:** red, black

**Liberty  
ES3000**

**SI—\$2495  
LI—\$3395**



**Motor:** 3000 watt brushless motor  
**2500Si Battery:** 60v 24Ah Silicon  
**2500Li Battery:** 60v 40Ah, **LiFePO4**  
**Capacity:** 440 lbs., Two Riders  
**Max Speed:** 42 mph on real road testing  
**Torque:** 118 NM  
**Range:** 60 miles (100km)  
At 20 mph - 72 miles  
At 40 mph - 50 miles  
**Climbing ability:** 25% slope stop and start  
**Standard Charger:** 5 A  
**Optional Quick Charger:** 10 amp (\$145.00)  
**Seat:** Large Comfort-style fixed height seat  
**Mirrors:** Right and Left mirrors included  
**Storage:** storage for small items under the seat, and glove box below handlebars  
**Throttle:** Twist throttle on the right grip  
**Security:** Key for power, key lock for battery  
**Brakes:** hydraulic disc brakes  
**Lights:** Complete DOT lighting  
**Colors:** Blue, Black, Red



**X-Treme  
XM-3100**

**\$2999**



**Watts:** 3000 Watts  
**Amps:** 38 Amps Max  
**Volts:** 60 Volts  
**Batteries:** 5 lead acid batteries (38 AH each battery)  
**Tire Size:** 3.5 x 10 @36 PSI  
**Charger:** 5A, 110V~250V/50Hz~60Hz  
**Tool Kit:** included  
**Speed:** 40 mph (65km/H)  
**Distance:** 50 Mile (70km) based on 38 AH battery  
**Throttle Type:** twist on right grip  
**Kick Stand:** Equipped with / safety and insulated kick stand switch  
**Braking System:** front and rear ABS hydraulic disk  
**Drive System:** rear wheel hub motor (no chains)  
**Moped Size:**70" x 27" x 47"  
**Max Rider Weight:** 282 lbs  
**Shock Absorber:** Front Hydraulic & Rear Spring  
**Carton Size (LxWxH):**79"(L) x 23"(W) x 47"(H)  
**Scooter In Box Weight:**417lbs  
**Scooter Weight:** 306lbs  
**Controller:** Digital Protected Water Proof Controller  
**Height:** Handlebar: 43" Seat: 31"

**X-Treme  
XM-3000**

**\$2999**



**Watts:** 3000 Watts  
**Amps:** Max 55 AMP, Only draws 12 AMPS @ 20 MPH cruising speed  
**Volts:** 60 Volts  
**Batteries:**5 lead acid batteries (38 AH each battery)  
**Tire Size:** 3.50 x 10 @ 36 PSI  
**Charger:** Smart Charger Included  
**Tool Kit:** included  
**Speed:** top speed at 43 mph\*  
**Distance:** max range 50 miles @ 25 mph cursing speed\*  
**Throttle Type:** twist on right grip  
**Kick Stand:** Equipped with / safety and insulated kick stand switch  
**Braking System:** front and rear ABS hydraulic disk  
**Drive System:** rear wheel hub motor (no chains)  
**Moped Size:**72" x 47" x 55"  
**Max Rider Weight:** 300 lbs (2 can ride comfortably)  
**Shock Absorber:** Front Hydraulic & Rear Spring  
**Carton Size (LxWxH):**70" x 24" x 48"  
**Scooter In Box Weight:**371lbs  
**Scooter Weight:** 344lbs  
**Controller:** Digital Protected Water Proof Controller  
**Height:** 55" ground to mirror

**PA Electrics**

**5847 Washington Avenue**

**Export, PA 15632**

**Phone: 724-387-8210**

**Fax: 724-387-8212**

**www.paelectrics.com**

**Bravo  
EVT-4000e**

**SLA—\$2795  
30ah Li—\$3938  
40ah Li—\$4500**



**Body:** Contemporary  
**Dimensions:** 66.6 x 25.4 x 39.8 inches  
**Motor:** 1500W 48V Brush Hub Motor  
**Electric Consumption per Charge:** 2kWh  
**Noise Level:** Silent  
**Emission:** Zero  
**Contaminants:** Zero  
**Charger:** 450W 7A  
**Weight:** 282lb (4 Batteries Included)  
**Climbing:** 8% x 10.5mph  
\* Specifications assume a rider weight of 165lbs.  
**Battery:** Lead Acid Battery  
\* Lithium polymer battery option available.  
**Speed:** 30mph  
**Distance:** up to 36miles  
**Accessories:** Luggage Rack, Rear Storage Case, Front Basket, Windshield  
**Colors:** Silver, Race Car Red, Grassy Green, Ozone Blue, Sunray Yellow, Dark Green, Black

**Bravo  
EVT-168**

**SLA—\$2859  
Li—\$4063**



**Body:** Retro  
**Dimensions:** 65 x 29 x 43 inches  
**Motor:** 1500W 48V Brush Hub Motor  
**Electric Consumption per Charge:** 2kWh  
**Noise Level:** Silent  
**Emission:** Zero  
**Contaminants:** Zero  
**Charger:** 450W 7A  
**Weight:** 282lb (4 Batteries Included)  
**Climbing:** 8% x 10.5mph  
\* Specifications assume a rider weight of 165lbs.  
**Battery:** Lead Acid Battery  
\*Lithium polymer battery option available  
**Speed:** 30mph  
**Distance:** up to 36miles  
**Accessories:** Luggage Rack, Rear Storage Case, Windshield  
**Colors:** Dark Green, Ozone Blue, Light Orange, Purple, Black, White

**Bravo  
EVT-345**

**\$3900**



**Body:** Contemporary  
**Dimensions:** 70.1 x 35.4 x 40.1 inches  
**Motor:** 1500W 48V Brush Hub Motor (one on each rear wheel)  
**Electric Consumption per Charge:** 2kWh  
**Noise Level:** Silent  
**Emission:** Zero  
**Contaminants:** Zero  
**Charger:** 450W 7A  
**Weight:** 368lb (4 Batteries Included)  
**Climbing:** 8% x 10.5mph  
\* Specifications assume a rider weight of 165lbs.  
**Battery:** Lead Acid Battery  
\*Lithium polymer battery option available  
**Speed:** 30mph  
**Distance:** up to 36miles  
**Accessories:** Luggage Rack, Rear Storage Case, Windshield  
**Colors:** Silver, Greener Green (forest)

**X-Treme  
XM-5000Li**

**\$6000**



**Watts:** 5000 Watts  
**Amps:** 100 Amps Max  
**Volts:** 60 Volts  
**Batteries:** 21 lithium ion Batteries (60 AH Each battery @1HR) high power  
**Tire Size:** 130/60-13  
**Charger:** thunder sky smart charger  
**Tool Kit:** included  
**Speed:** top speed at 60 mph  
**Distance:** max range 85 miles on a single charge  
**Throttle Type:** twist on right grip  
**Kick Stand:** Equipped with / safety and insulated kick stand switch  
**Braking System:** front and rear ABS hydraulic disk  
**Drive System:** rear wheel hub motor (no chains)  
**Moped Size:** 77" x 26"  
**Max Rider Weight:** 400 lbs (2 can ride comfortably)  
**Shock Absorber:** Front Hydraulic & Rear Spring  
**Carton Size (LxWxH):** 79"(L) x 23"(W) x 47"(H)  
 **Scooter In Box Weight:** 417lbs  
 **Scooter Weight:** 363lbs  
 **Controller:** Digital Protected Water Proof Controller  
**Height:** Handlebar: 43" Seat: 31"

**X-Treme  
XM-4000Li**

**\$4500**



**Watts:** 4000 Watts  
**Amps:** 40 Amps Max  
**Volts:** 60 Volts  
**Batteries:** 20 lithium ion Batteries (60 AH Each battery @1HR) high power  
**Tire Size:** 130/60-13  
**Charger:** thunder sky smart charger  
**Tool Kit:** included  
**Speed:** top speed at 50 mph  
**Distance:** max range 60 miles on a single charge  
**Throttle Type:** twist on right grip  
**Kick Stand:** Equipped with / safety and insulated kick stand switch  
**Braking System:** front and rear ABS hydraulic disk  
**Drive System:** rear wheel hub motor (no chains)  
**Moped Size:** 77" x 26"  
**Max Rider Weight:** 400 lbs (2 can ride comfortably)  
**Shock Absorber:** Front Hydraulic & Rear Spring  
**Carton Size (LxWxH):** 79"(L) x 23"(W) x 47"(H)  
 **Scooter In Box Weight:** 385 lbs  
 **Scooter Weight:** 300 lbs  
 **Controller:** Digital Protected Water Proof Controller  
**Height:** Handlebar: 43" Seat: 31"

**X-Treme  
XM-3500Li**

**\$4499**



**Watts:** 3500 Watts  
**Amps:** 70 Amps Max  
**Volts:** 60 Volts  
**Batteries:** 20 lithium ion Batteries (60 AH Each battery @1HR) high power  
**Tire Size:** 13" x 4"  
**Charger:** thunder sky smart charger  
**Tool Kit:** included  
**Speed:** top speed at 48 mph  
**Distance:** max range 60 miles on a single charge  
**Throttle Type:** twist on right grip  
**Kick Stand:** Equipped with / safety and insulated kick stand switch  
**Braking System:** front and rear ABS hydraulic disk  
**Drive System:** rear wheel hub motor (no chains)  
**Moped Size:** 79" x 23" x 47"  
**Max Rider Weight:** 400 lbs (2 can ride comfortably)  
**Shock Absorber:** Front Hydraulic & Rear Spring  
**Carton Size (LxWxH):** 80" x 24" x 48"  
 **Scooter In Box Weight:** 378 lbs  
 **Scooter Weight:** 297 lbs  
 **Controller:** Digital Protected Water Proof Controller  
**Seat Height:** 34"