

Specifications

	IE 50	IE 75
Peak Power	75 HP	115 HP
Motor Weight	127 kg / 280 lb	140 kg / 309 lb
Tilt	Power	Power
Shaft Length*	50.8 cm / 20 inch	50.8 cm / 20 inch
Battery Pack	2 Modules	3 Modules
Battery Type	LFP	LFP
Battery Capacity	32 kwh	43 kwh
Battery Weight	214.6 kg / 473 lb	309.4 kg / 682 lb
Battery Size	103.0 cm × 59.0 cm × 19.0 cm 40.6" x 23.2" x 7.5"	70.0 cm × 45.0 cm × 26.0 cm 27.6" × 17.7" × 10.2"
Battery Management System	57.0 cm × 35.6 cm × 18.0 cm 22.4" × 14.0" × 7.1"	69.2 cm × 38.1 cm × 24.6 cm 27.2" × 15.0" × 9.7"

	IE 150	IE 250
Peak Power	200 HP	350 HP
Motor Weight	173 kg / 381lb	186 kg / 410 lb
Rated Speed	4000 RPM	4000 RPM
Input Voltage	800 Vdc	800 Vdc
Cooling Mode	Internal Cooling	Internal Cooling
Battery Pack	4 Modules	6 Modules
Battery Type	Semi-Solid State	Semi-Solid State
Battery Capacity	86 kwh	172 kwh

Semi-Solid State Battery	Parameters	Acel X-Tend Range Extender	400 V	800 V
Rated Voltage	360V	Output Voltage Range	230V – 490V	230V – 490V
Rated Capacity	76Ah	Rated Power	70 kW	
Voltage Range	264V~417.6V	Peak Power	110 kW	
Total Energy	27.36kWh	Oil-to-Electricity Conversion Rate	3.6 kWh/L	
Battery Pack Dimensions (excluding connectors)	106 cm × 65 cm × 16 cm 41.7" × 25.6" × 6.3"	Motor Type	Permanent Magnet Synchronous	
		Weight	200 kg	

Onboard Computer	•Display:	10.1"-10.5" (25.65 cm to 26.67 cm) Touch Screen, 1920x1080 pixels, WVGA Color/IPS	•Power Input:	12.3 Vdc
	•Waterproof:	IP67	•Typical Current Draw:	0.75 A
	•Mounting Options:	Flush, Tilt/Swivel	•Max Current Draw:	1.5 A
	•Connections:	All-in-one cable (CAN, 3.5mm Aux) / Wi-Fi		

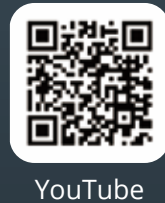
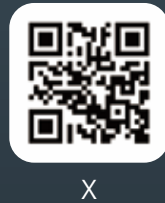
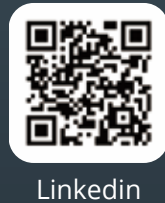
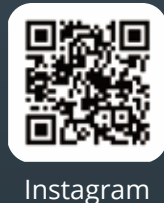
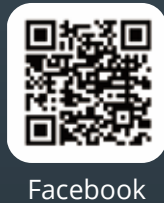
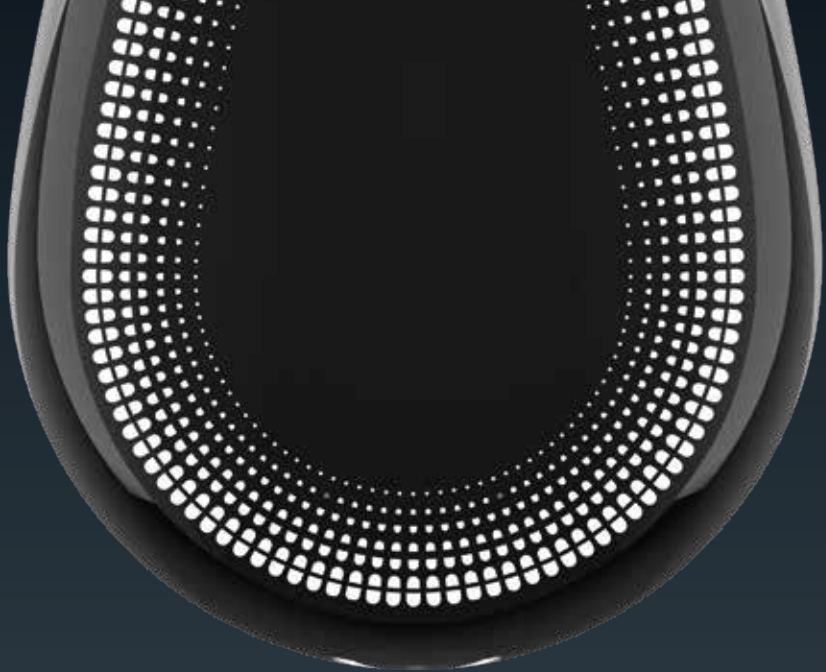
Smart Charger	•Size option available: 15A/30A/50A Max 6.6kw; DC fast charge (1 hour) •IP67 Portable Charger System
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Warranty

5 years	Battery (500 hours), Battery Control Module
3 years	Motor Controller, Motor, All component in the Gear Box, Gears, Shaft, Inverter, Intelligent Power Supply, Motor Logic Controller, Hybrid Controller, Propeller, Relay, Pump, Hydraulic Tilt
1 years	Electronic Package: Onboard Computer, Screen, Digital Throttle, Smart Charger, Smart Key

No warranty for consumable parts (*Impeller, zinc and gear oil)

*Available in 63.5 cm / 25 " and 76.2 cm / 30"



Silent. Efficient. Sustainable.

Comprehensive Intelligent Electric Propulsion System

Engineered for Power and Superior Performance

