

# EVAstream Move

## Factsheet



EVAstream Move 225		EVAstream move 275
Recommended use	Recreational swimmer	Experienced swimmer
<b>Turbine</b>		
Configuration machine	Plug-and-play battery-powered swimming machine	Plug-and-play battery-powered swimming machine
Minimum pool dimensions	4,5 x 2,5 meter (LxW)	4,5 x 2,5 meter (LxW)
Water temperature	5°C to 35°C	5°C to 35°C
IP rating	IPX8	IPX8
Weight (incl. battery)	37 kg	37 kg
Flow rate capacity	45 - 225 m <sup>3</sup> /h (adjustable flow)	55 - 275 m <sup>3</sup> /h (adjustable flow)
Water speed at outlet	1,1 - 5,5 m/s	1,3 - 6,7 m/s
Max. waterflow speed swimzone	1:40 sec. per 100 meter	1:25 sec. per 100 meter
Noise level	31 dB	31 dB
Warranty	2 years factory warranty turbine + MCU	2 years factory warranty turbine + MCU
<b>Motor control unit</b>		
Control input	DMX 512	DMX 512
Output Motor PMSM 3x DC	RPM range 20-100%	RPM range 20-100%
IP rating	IP 20	IP 20
Working temperature	Max. 32°C, installation in a dry, condensation-free room	Max. 32°C, installation in a dry, condensation-free room
Safety measures	Short circuit, overload, over voltage, over temperature, Voltage/current control, Mosfet temperature control	Short circuit, overload, over voltage, over temperature, Voltage/current control, Mosfet temperature control
<b>Battery</b>		
Battery type	Li-ion NMC 8S 30Vdc 45A	Li-ion NMC 8S 30Vdc 60A
Swimming time	60 minutes when used at full speed. At lower intensities, the swimming time increases	60 minutes when used at full speed. At lower intensities, the swimming time increases
Battery charging time	4 hours	4 hours
Battery weight	10,9 kg	10,9 kg
Battery dimensions	26.5 cm x 7.3 cm x 41 cm (l x b x h)	26.5 cm x 7.3 cm x 41 cm (l x b x h)
Chemical composition	Lithium-ion (NMC)	Lithium-ion (NMC)
Battery voltage nominal	30 volts	30 volts
Capacity	45 ampere hours	60 ampere hours
Warranty	1 year on the battery	1 year on the battery