

IPET I8 Long-Endurance Integrated Propulsion System

Technical Specifications Reference

System Specs

Parameter	Value
Model No.	I8 KV75
Setup	I8 (Motor) + 14S FOC 50A (ESC) + I36-S (Prop)
Recommended battery	12~14S (LiPo)
Rated thrust	4.0~4.5kg
Efficiency at rated thrust	12.1g/W (4.0kg)
Max. thrust	11kg
Tube size	35mm
Wire length	575±5mm
Weight	715±2%g (Incl. wires+prop)
IP	IP46
Recommended ambient temperature	-30~65℃

Motor Specs

Parameter	Value
Stator size	88*9.5mm
KV	75

ESC Specs

Parameter	Value
Throttle range	1110~1940us (Fixed)
Protocol	CAN
Control method	PWM/CAN
Max. voltage	61V
Peak current (for a short time)	50A (Open environment and temperature ≤60℃)
BEC	NO

Prop Specs

Parameter	Value
Model No.	I36-S
Length	36 Inch (916mm)

Technical Drawing

