

IPET I11 Long-Endurance Integrated Propulsion System

Technical Specifications Reference

System Specs

Parameter	Value
Model No.	I11 KV70
Setup	I11 (Motor) + 14S FOC 70A (ESC) + I42 (Prop)
Recommended battery	12~14S (LiPo)
Rated thrust	9~10kg
Efficiency at rated thrust	10g/W (10kg)
Max. thrust	26.5kg
Tube size	40mm
Wire length	570±5mm
Weight	1385±20g (Incl. wires+prop)
IP	IP46
Recommended ambient temperature	-30~65℃

Motor Specs

Parameter	Value
Stator size	111*16mm
KV	70

ESC Specs

Parameter	Value
Throttle range	1040~1940us (Fixed)
Protocol	DroneCAN, UAVCAN
Control method	PWM/CAN
Max. voltage	61V
Peak current (for a short time)	100A (Open environment and temperature ≤60℃)
BEC	NO

Prop Specs

Parameter	Value
Model No.	I42 (Folding carbon fibre propeller)
Length	42 Inch (1073mm)

Technical Drawing

