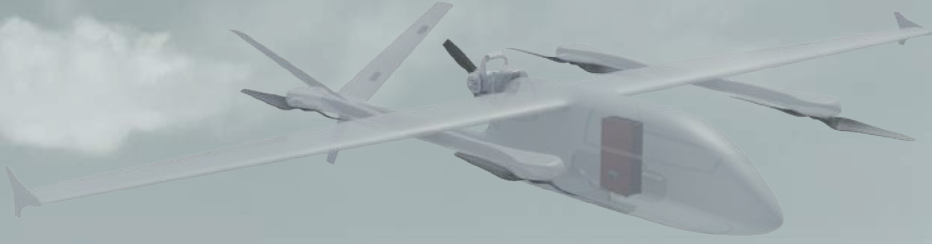


 ESENSI



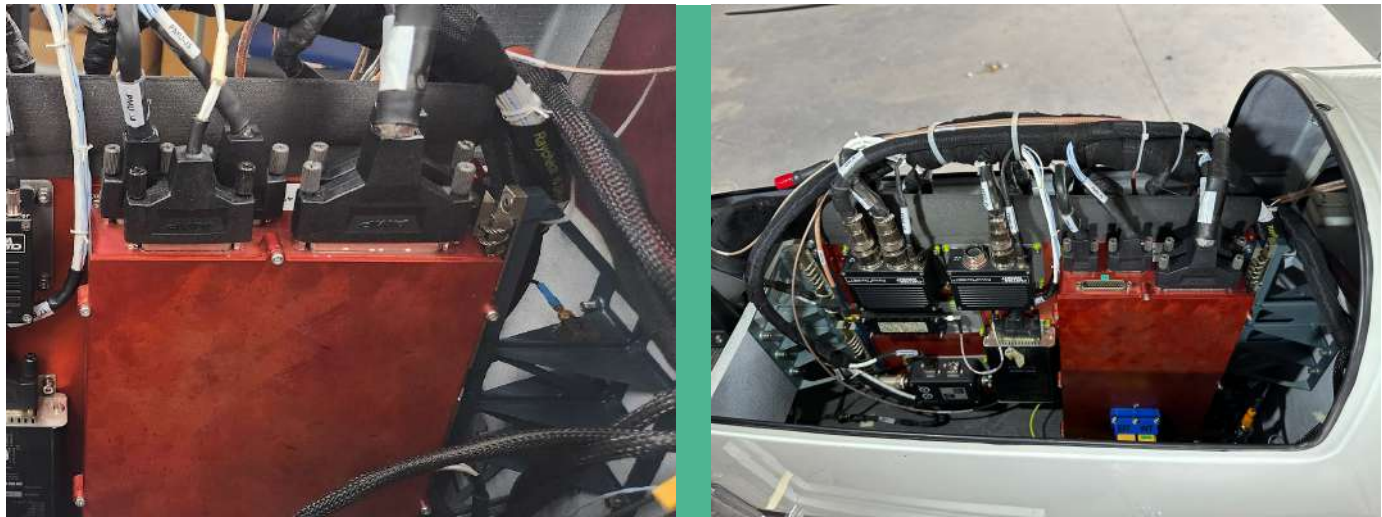
PMU

POWER MANAGEMENT UNIT

www.esensi.com.tr

Intelligent and Reliable Power Management Unit (PMU) for Mission-Critical Systems

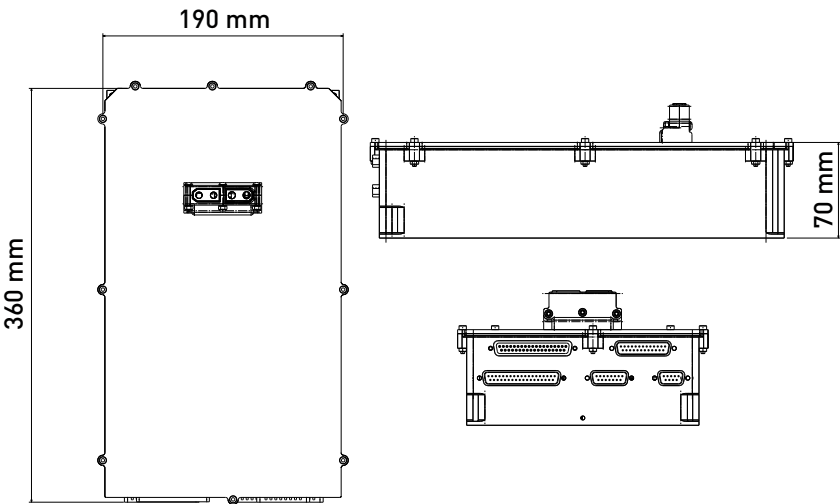
Specifically engineered for unmanned aerial vehicles Power Management Unit (PMU) delivers up to 1.5 kW of total power capacity through an architecture based on independent power paths. With multiple input and output options, it maximizes both reliability and performance.



Output Channels and Capacity
4x7V, each max 100W
6x14V, each max 100W
2x14V, each max 50W
8x28V, each max 20W
8x28V, each max 50W
10x28V, each max 100W
2x28V, each max 300W



Technical Specifications



Weight 2500 gr
Dimensions 360x190x70 mm
Aluminum alloy machined enclosure
Two inputs within the 40V-60V range (Battery and Shore input)
Exceptionally reliable architecture built on independent power paths
Total Power Capacity 1.5 kW
Operating Ambient Temperature Range -30°C +55°C
Power output channels at 28V, 14V, and 7V
On/Off control for each output channel
Voltage, current and temperature monitoring for each output channel
User defined soft current limits for each output channel
High/low voltage, overcurrent, short-circuit, high temperature protections
2x CAN Interface
2x K type thermocouple input
3x Analog input (35V to 60V range)
2x Isolated analog input (60V to 100V range)

PMU

POWER MANAGEMENT UNIT

ESEN

Titanyum C Blok Kat:2 ODTÜ Teknokent
06800, Çankaya, Ankara/ Türkiye

T: (+90) 312 220 14 88
F: (+90) 312 220 14 89

www.esensi.com.tr

