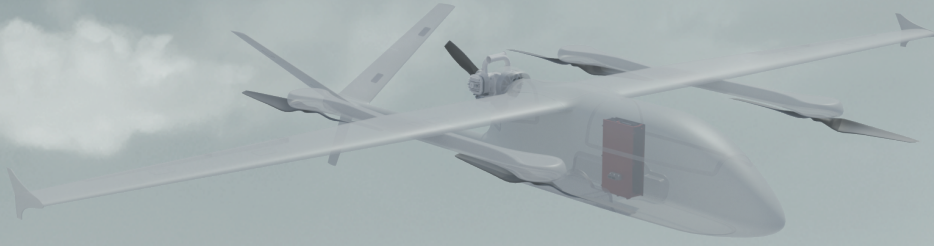


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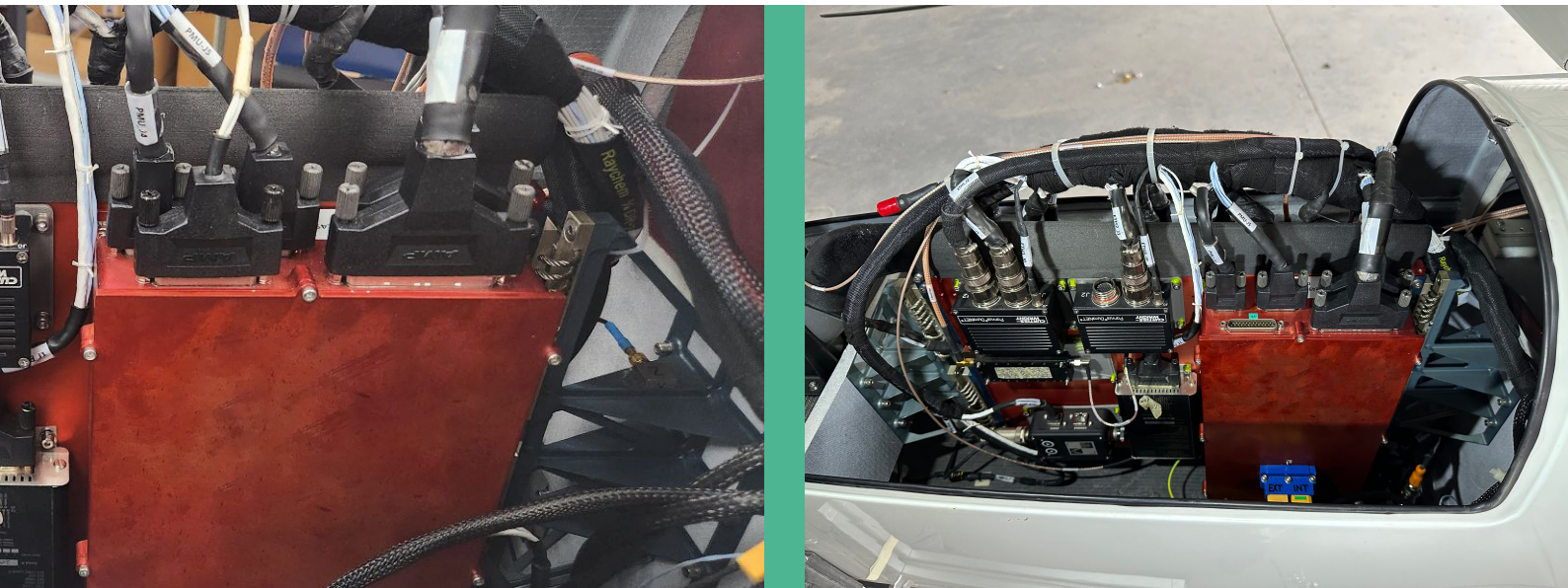
# PMU

POWER MANAGEMENT UNIT

[www.esensi.com.tr](http://www.esensi.com.tr)

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

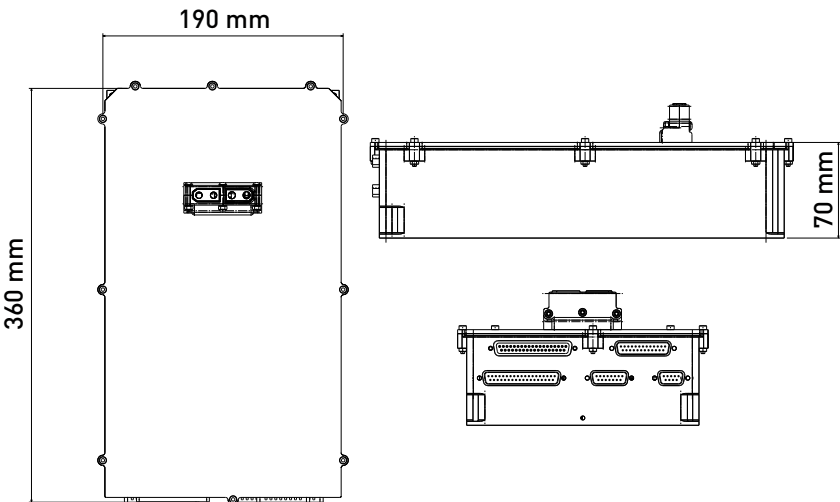
Specifically engineered for unmanned aerial vehicles and similar platforms, our Power Management Unit (PMU) delivers up to 1.5 kW of total power capacity through an architecture based on independent power paths. With multiple input and output options, it maximizes both reliability and performance.



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)
- An 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

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