

Intelligent Shunt

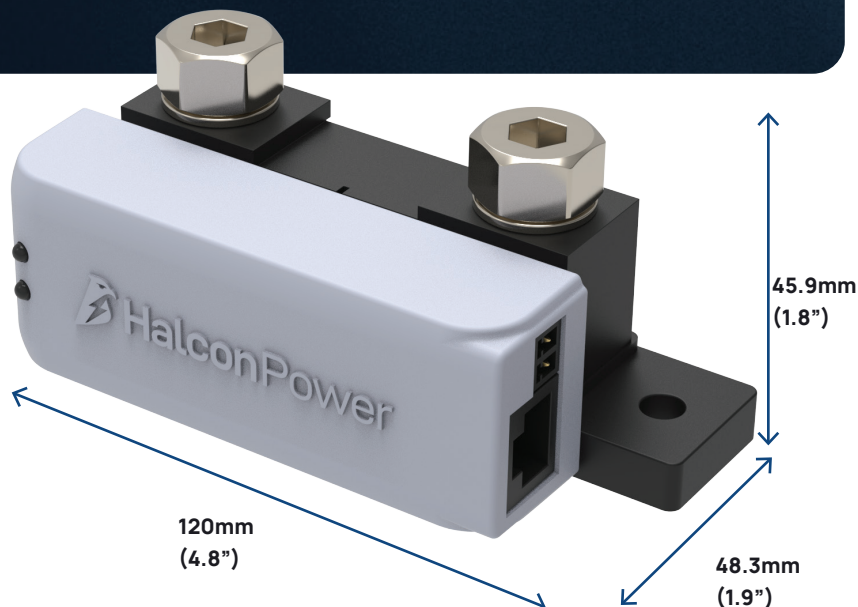
(12V/24V/36V/48V, 500A Shunt)

HALSH48500

This reliable, space-saving intelligent shunt (battery "fuel gauge") measures the voltage and current of batteries up-to-48V and up to 500A of current.

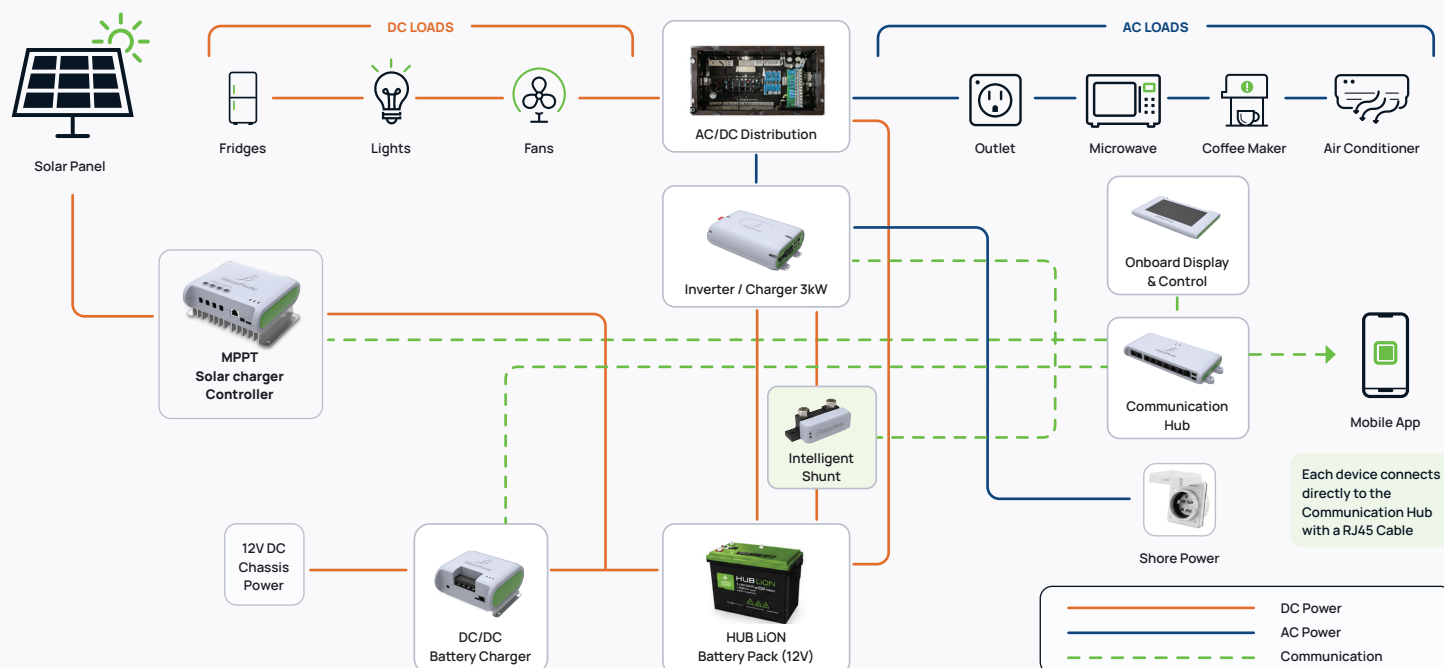
Key Features:

- **Mobile app:** Supports Bluetooth via mobile app.
- **Multi-Chemistries:** Works with Flooded/GEL/AGM/Lithium battery chemistries.
- **Wide Voltage Range:** Supports batteries from 12V to 48V
- **High Accuracy:** Measures voltage, current and state of charge (SOC) to a high degree of accuracy.
- **3 year Product Warranty.**



System Integration

Every Halcon Power product is designed as part of a fully integrated energy ecosystem, helping simplify implementation and deliver reliable system performance.



Technical Specifications

Specifications	Product Details
General	
Model	HALSH48500
Battery Chemistry	Lead Acid / GEL / LI / Custom
Nominal Input Voltage	12V / 24V / 36V / 48V
Voltage Supply Range	6 - 60VDC
Static Power Dissipation	< =15mA
Battery Capacity	1 - 9999Ah
Resolution & Accuracy	
Current Fluctuation Range	+/- 0.01A
Voltage Fluctuation Range	+/- 0.01V
SOC Fluctuation Range	+/- 0.1%
Current Measurement Accuracy	+/- 0.4%
Voltage Measurement Accuracy	+/- 0.3%
State of Charge Measurement Accuracy	+/- 0.5%
Time Measurement Accuracy	+/- 1 Min
Physical	
Dimension (L x W x H)	120 x 48.3 x 45.9mm (4.8" x 1.9" x 1.8")
Net Weight	0.35 kg (0.8 lb)
Installation	Wall mount or floor mount
Warranty	3 years
Environmental	
Environmental	-35°C to 65°C (-31°F to 149°F)
Noise	Silent
Cooling Method	Convection
IP Protection	IP21
Communication	RV-C, RS485
Data Storage Capability	Yes
# of Days of Data Trends Stored	60
Other	
Safety	CE