

eLITE ePRO

battery monitor



Operating your battery bank without good metering is like running your car without any gauges, although possible to do, it's always better to know how much fuel is left in the tank.

Defining the amount of energy available in a battery is a complex task since battery age, discharge current and many other factors influence the actual battery capacity. The Enerdrive eLITE uses the same very accurate measurement and calculation systems as the high-end Enerdrive ePRO.

The Enerdrive battery monitors selectively display voltage, charge and discharge current, consumed amp hours and remaining battery capacity. Using a clear backlit LCD and an intuitive user interface, all parameters can be recalled with just a button press. A second battery input is also provided to monitor an auxiliary battery (voltage only). A large bar graph delivers instant state of charge information.

The Enerdrive ePRO is equipped with an internal programmable alarm relay, to run a generator when needed or to turn off devices when the battery voltage exceed programmable boundaries.

Compared to the ePRO, the eLITE is a more basic instrument, perfectly suited for users focused on an accurate state of charge readout and very easy setup.

Features

- ◀ Read battery banks like a fuel gauge
- ◀ Provides critical information about the status of your battery bank
- ◀ Displays voltage, current, consumed amp hours, remaining battery capacity and time remaining (ePRO only)
- ◀ Two battery inputs
- ◀ Large backlit LC Display
- ◀ Quick nut mounting construction
- ◀ Fully programmable alarm relay
- ◀ Shunt selection capability enables flexible system integration
- ◀ Communication/expansion port (ePRO only)
- ◀ Stores a wide range of history events in internal memory (ePRO only)
- ◀ Splash proof front panel
- ◀ 500 Amp shunt included
- ◀ Regulatory Compliance Mark certified
- ◀ 2 year warranty

Applications

- ◀ Recreational vehicles
- ◀ Solar power systems
- ◀ Industrial systems
- ◀ Forklifts
- ◀ Mobile entertainment systems
- ◀ Service vehicles
- ◀ Marine applications
- ◀ Mobile home accessories

Accessories

- ◀ Professional connection kit
- ◀ Quick connection kit
- ◀ Temperature sensor (ePRO only)
- ◀ Isolated RS-232 interface (ePRO only)
- ◀ Isolated USB interface (ePRO only)
- ◀ 1:5 voltage pre-scaler (ePRO only)
- ◀ Windows XP / Vista / 7 software (ePRO only)

eLITE ePRO



VOLTAGE



VOLTAGE



AMPERE HOURS



AMPERE HOURS



% REMAINING



% REMAINING



AMPS



AMPS



TIME REMAINING



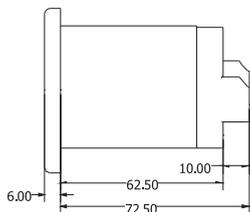
Technical Specifications		eLITE.Part.Number.:EN55010	
Supply voltage range	9 - 35VDC	Readout resolution : voltage (0 - 35V)	± 0.1V
Supply current ¹⁾ : @Vin=24VDC	7mA	current (0 - 199A)	± 0.1A
	@Vin=12VDC	9mA	current (200 - 9999A)
Input voltage range (main battery)	0 - 35VDC	amp hours (0 - 199Ah)	± 0.1Ah
Input voltage range (auxiliary battery)	2 - 35VDC	amp hours (200 - 9990Ah)	± 1Ah
Input current range ²⁾	-999 to +999A	state-of-charge (0 - 100%)	± 0.1%
Battery capacity range	20 - 999Ah		
Operating temperature range	-20°+ 50°C		
Voltage measurement accuracy	± 0.3%		
Current measurement accuracy	± 0.4%	Shunt dimensions : footprint	45 x 87mm
Dimensions : front panel	ø 64mm	height	17mm (base)
	body diameter	ø 52mm	35mm (high current screws)
total depth	79mm	weight	145gr
weight	95gr		

Technical Specifications		ePRO.Part.Number.:EN55030	
Supply voltage range	9 - 35VDC	Readout resolution : voltage (0 - 35V)	± 0.01V
Supply current ¹⁾ : @Vin=24VDC	7mA	current (0 - 199A)	± 0.1A
	@Vin=12VDC	9mA	current (200 - 9999A)
Input voltage range (main battery)	0 - 35VDC	amp hours (0 - 199Ah)	± 0.1Ah
Input voltage range (auxiliary battery)	2 - 35VDC	amp hours (200 - 9990Ah)	± 1Ah
Input current range ²⁾	-9999 to +9999A	state-of-charge (0 - 100%)	± 0.1%
Battery capacity range	20 - 9990Ah	time remaining (0 - 24hrs)	± 1minute
Operating temperature range	-20°+ 50°C	time remaining (24 - 240hrs)	± 1hr
Voltage measurement accuracy	± 0.3%	temperature (-20° + 50°C) ³⁾	± 0.5°C
Current measurement accuracy	± 0.4%	Shunt dimensions : footprint	45 x 87mm
Dimensions : front panel	ø 64mm	height	17mm (base)
	body diameter	ø 52mm	35mm (high current screws)
total depth	79mm	weight	145gr
weight	95gr		
Protection class (both models)	IP20 (frontpanel only IP65)		
Complies with the following standards (both models)	EN61000-6-3 (EN55022), EN61000-6-2 (EN61000-2/3/4, EN61000-4-3), LVD 73/23/EEC (EN60335-1), e4-95/54/EC, RoHS 2002/95/EC		

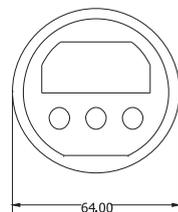
Note: the given specifications are subject to change without notice. 1) Measured with backlight and alarm relay turned off. 2) Depends on selected shunt. With standard delivered 500A/50mV shunt (350A continuous), the range is limited to -600 + 600A. 3) Only available when optional temperature sensor is connected.

Dimensions

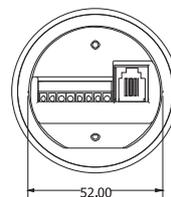
Sideview :



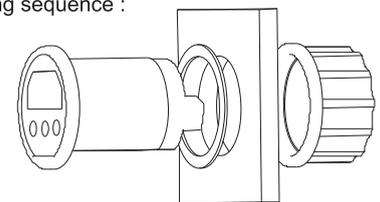
Frontview :



Rearview :



Mounting sequence :



DEALER: