

12V 600Ah Compact Case

The PeliCase can be used with a maximum of 5 lithium batteries 12V 120Ah. The lithium batteries can easily interact with the quick-release system. Batteries with different states of charge can be inserted through a sophisticated electronic. A slot can be operated with a battery or an inverter of maximum 400W. In addition, the case has an external power connection in which an inverter or others consumers of maximum 1'000W can be connected. The heat generated by the internal converter is directed into the PeliCase on the ground with the „discreetly“ built-in heat exchanger outwards. Can also the suitcase with a maximum of two DC/DC converters of 160W be equipped. Illuminated push buttons allow the safe switching of the GPS/GSM remote control as well as all controllable outputs.



TECHNICAL DATA	
Nominal voltage	10.8 V
Capacity	Maximum use of 5 x 120Ah
Charging / Discharging current	Recommended charging current 60A Maximum discharge current 100A
Fault current limiter	Yes, electronic integrated battery (Δt 8 μ s)
DC / DC Converter	2 x 12V 160W (12 / 24 / 48VDC)
Inverter 230VAC	400 W / Special IBS Technology for Lithium batteries
Overload protection	Yes, per battery and per system / redundant
Deep discharge protection	Yes, per battery and per system / redundant
Temperature charge	10°C to 45°C
Temperature discharge	-20°C to 60°C - Alert via SMS at too high temperature - Automatic shutdown phase 1 Inverter - Automatic shutdown phase 2 power supply - Automatic power reactivation
SOC measuring	Yes / Cumulative
SOC display	OLED Display 1.3" - Voltage - Total remaining capacity - Cumulative power consumption - Calculated time to power shutdown
Connectors	1 x Binder IP67 4P 15A 1 x Binder IP67 7P 10A 2 x Binder IP67 4P 25A 1 x Bulgin IP67 3P 230VAC 1 x Anderson 2P 105A 1 x USB 1 x RS485
Digital connection	- GPS / GSM module - DC / DC converter 1 - DC / DC converter 2 - Inverter 230 VAC - Video / battery directly (15A max.) - Battery directly (20A max.)
Communication GPS / GSM	- SMS from/to predefined numbers - SMS Alert System 1 (capacity/consumption) - SMS Alert System 2 (removal/movement) - SMS Alert System 3 (temperature) - Unsecured UMTS access via Internet
GSM / UMTS remote control	- DC / DC Converter 1 / 2 - Inverter 230 VAC - Video - Battery directly - System OFF → Deactivation of all batteries → Battery is disabled - Transport / Storage mode



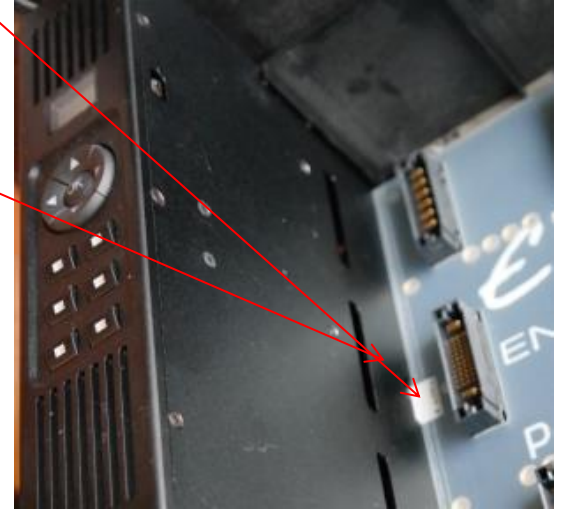
GPS / GSM

The PeliCase 1510 can be used with ERUN © GPS / GSM module. Easy to insert the necessary SIM card when running lithium batteries. The integrated GPS function of the case can be localized. Further, an anti-theft device to be activated, which triggers an alarm if the case is stolen from a certain coordinate.

Internal cooling system

When using an internal inverter the heat of the inverter by an internal air circulation system (fan 1 and fan 2) directed outwards.

The fans are thermally controlled. Through the internal heat exchanger, the PeliCases protection function IP67 is unaffected. If the maximum temperature achieved despite active cooling system, so the inverter and then the energy storage device is automatically switched off first.



ERUN© Anti-fire system

Each ERUN lithium battery from 30Ah is equipped with an internal fire extinguishing system. By a pressure pipe, the extinguishing agent runs as close as possible to the lithium cells. This technology is influenced in a destruction of a cell immediately on the faulty cell. The extinguishing agent deletes and is cooling on the neighboring cells. Thus, it prevents the dreaded domino effect.



ERUN modular battery system

The ERUN © lithium batteries are designed for modular use.

The batteries can be used within seconds from one system to another. Thus batteries can be used in the ERUN © Racksystem in PeliCase with few handholds.



Remote control / visualisation CAN

With the hand remote control several PeliCase 1510 may be connected and controlled together. On the 4.3" display an almost identical advertisement like on the main screen of the PeliCase appears.

