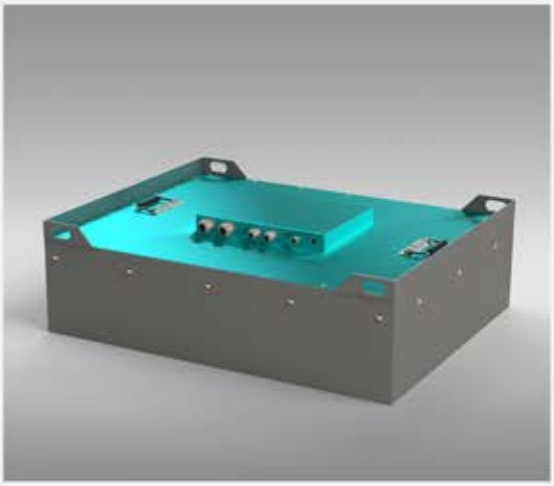
POWER LIFT (series)

PL-32K-RS

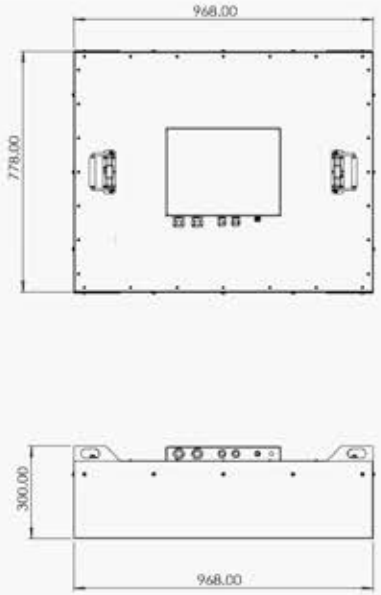


Lithium Battery is a versatile power source known for its high energy density, making it ideal for a range of electronic devices. Its lightweight design enhances portability, making it suitable for compact gadgets and tools. With a long cycle life, it provides numerous charge and discharge cycles, ensuring durability and reliability over time. The battery also features fast charging capabilities, significantly reducing downtime. Safety is a priority, with built-in mechanisms to prevent overcharging and overheating, enhancing user protection. This combination of features makes the preferred choice in both consumer electronics and industrial applications. Its efficiency and performance contribute to the growing demand for lithium battery technology.

PERFORMANCE SPECIFICATIONS

Nominal Voltage	80 V
Operating Voltage	63 - 91 V
Rated Power	32kW
Usable Energy[1]	30.7kW
Continuous Charge	250A
Continuous Discharge	500A
Back up hours	15hrs
Power Module	Inbuilt

[1] Values provided for 25°C (77°F)



MECHANICAL SPECIFICATIONS

Dimension	968 X 778 X 300 mm
Weight[2](without counter balance)	300Kgs
Mounting Options	Bed mount

[2]Dimensions and weight differ slightly.
counterbalance will provide space avaiability

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	–20°C to 50°C (–4°F to 122°F)
Recommended Temperature	0°C to 30°C (32°F to 86°F)
Storage Conditions	20°C to 30°C (–4°F to 86°F) Up to 95% RH, non-condensing State of Energy (SoE): 25% initial
Maximum Elevation	3000 m (9843 ft)
Environment	Indoor
Ingress Rating	IP56 (Battery & Power Electronics)

* specification included in this datasheet are subjected to change without notice