

LFP
CHEMISTRY
LITHIUM
BATTERY

DATA SHEET

NE2W7360AL

WARRANTY
36
MONTHS

GENERAL CHARACTERISTICS

Nominal Voltage (V)	73.6
Capacity (Ah) @ 0.2C, 25°C	60.0
Energy (kWh)	5.79
No. of cell in series	23
No. of cell in parallel	10
Total No. of cell	230
Cell Type	Cylindrical
Chemistry	LFP

ELECTRICAL CHARACTERISTICS

Maximum cut-off voltage (V)	83.95
Minimum cut-off voltage (V)	69.0
Charging Voltage (V)	84.0
Charging Mode	CC-CV
Recommended charging current (A)	15.0
Maximum charging current (A)	30.0
Maximum continuous discharging current (A)	60.0
Cell Discharging Protection level (V)	3.0
Cell charging protection level (V)	3.65
Cycle Life @ 0.5C/1.0C @ 25°C	1500+
DOD Level (%)	90%

PROTECTIONS

Cell under voltage protection	Yes
Cell over voltage Protection	Yes
Over Current Protection	Yes
Short circuit protection	Yes
Temperature protection	Yes

TEMPERATURE CHARACTERISTICS

Working Temperature (°C)	0°C – 60°C
Storage Temperature (°C)	0°C - 45°C

OTHERS

Dimension (mm)(LxWxH)	397 × 250 × 417mm
Weight (Kg)	36 Approx.
Communication	RS485/UART/CAN
IP Rating	IP67
Power Connector	HVP 80A on side

WARNINGS

During their use, the batteries should be kept away from heat sources and high voltages.

Do not dismantle or assemble the batteries by yourself.

Do not heat and burn of the batteries and throw them in fire.

Damping of the battery is prohibited.

Avoid charging battery near a fire source or in direct sunlight.

The battery should not be damaged by means of methods like knocking metallic things into the battery, hammering the battery, knocking it violent or etc.

Welding is not allowed to be conducted on the battery.

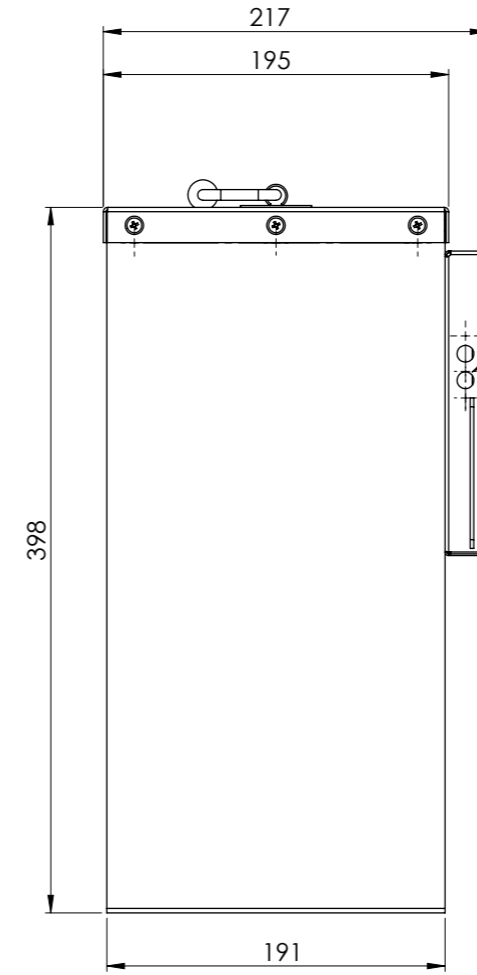
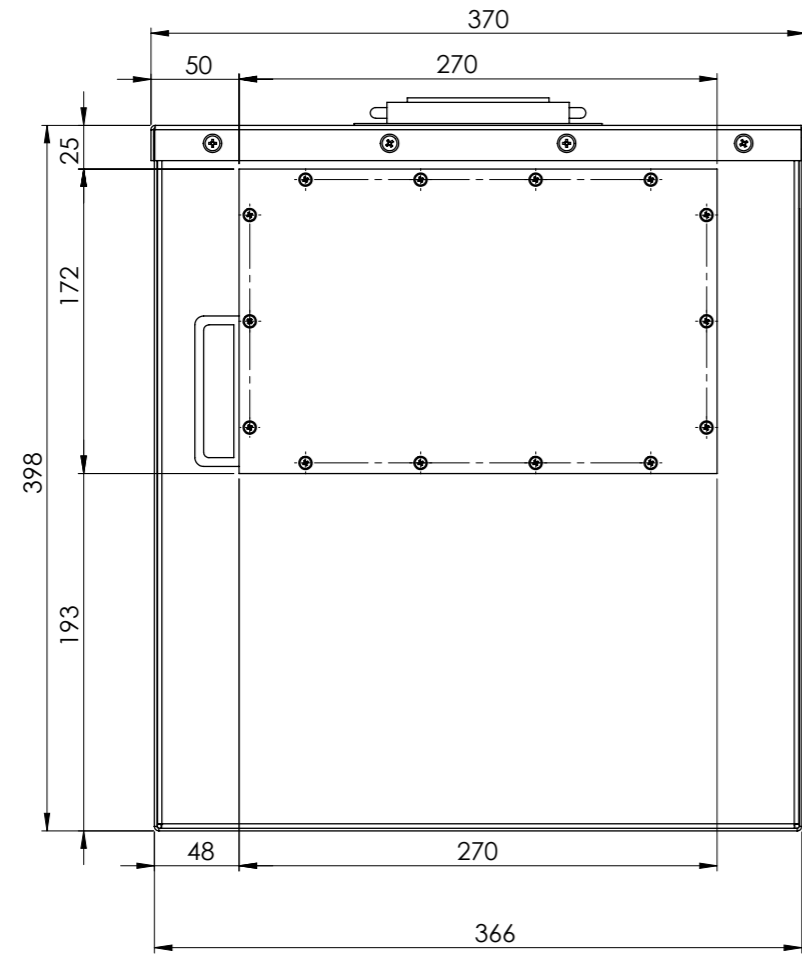
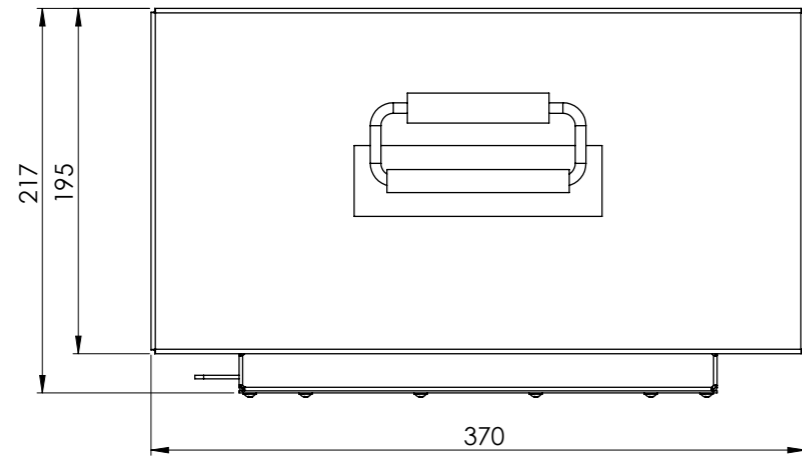
Do not directly contact with the leaking battery.

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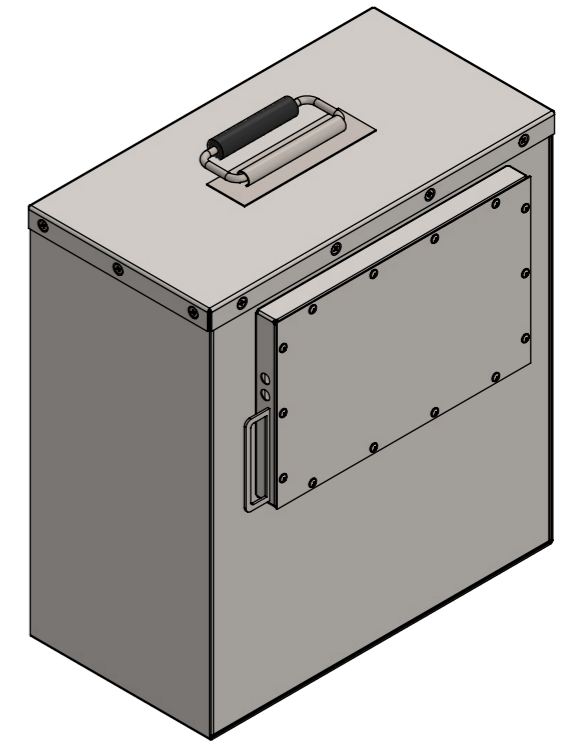
OFFICE : 505, SAI HERITAGE, TILAK ROAD, GHATKOPAR (E), MUMBAI - 400 077

BRANCH : DELHI | MUMBAI | CHENNAI | VARANASI | KOLKATA | TOLL FREE NUMBER : 1800-102-2139 | EMAIL : SALES@NEURONENERGY.IN

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NEURON ENERGY



For Anderson Connector (I/P),(O/P)




32700 LFP CELL - 3.2V 6Ah
CELL CONFIGURATION - 23S 10P

[FOR APPROVAL ONLY]

NOTE:-

1. 1NO ANDERSON CONNECTOR (SB-50) WILL BE PROVIDED FOR CHARGING & DISCHARGING.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: DIN ISO 2768-mk LINEAR: ANGULAR:			FINISH:	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION	01
DRAWN	A.A	SIGNATURE	DATE		TITLE: 		
CHK'D	MB		17.03.22		DWG NO. NE2W7460AL		
APP'VD	MB		15.11.21		SCALE: 1:5		
MFG					SHEET 1 OF 1		
Q.A				MATERIAL:			
				WEIGHT:			