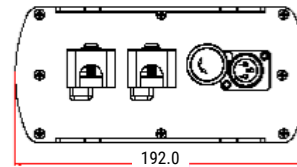
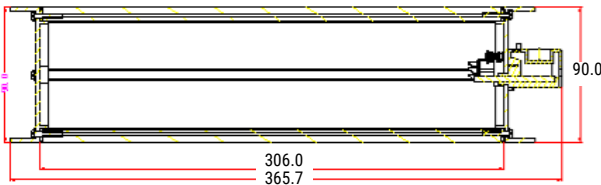
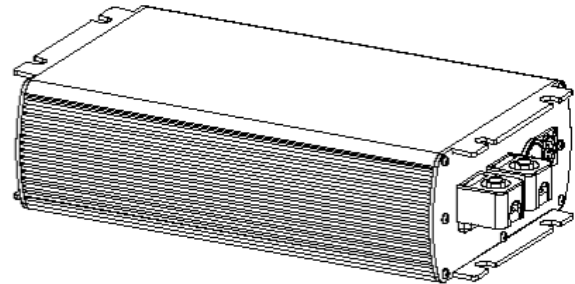


Model**A1 additional battery****Class****LFP24V480Wh**

ARTICLE NUMBER: 030100049

HIGH-PERFORMANCE BATTERY 24 V 20 Ah**ARVEY**

POWER TO GO



480 watt-hours of energy

The ARVEY A1 additional battery provides you with a nominal capacity of 20 ampere hours at 24 volts nominal voltage. This means you have 480 Wh of energy at your disposal on a full battery. The average life cycle of the ARVEY A1 additional battery is 1000 cycles (about 3 years of regular use) and within normal terms of use.

TECHNICAL DATA:

WEIGHT INCL. CASING	6,9 kg
BATTERY MASS	4,2 kg
DIMENSIONS	365 mm * 192 mm * 90 mm
CASING	Aluminum, brushed
OPERATING TEMPERATURE	-10 °C to +50 °C
IP CLASS	IP54 (IP44 contacts)
BATTERY TYPE	Lithium-Iron-Phosphate Polymer (LiFePo4)

PERFORMANCE DATA:

CHARGE VOLTAGE	29,2 V
NOMINAL VOLTAGE	24 V
NOMINAL CAPACITY	20 Ah at 0,5 C discharge

SCENARIOS

Duty vehicles

Trailers

Camping

(Sail)boats

Logistics

Humanitarian Aid

Military

Service-Vehicles

Outdoor

Photography

Model building

Car-Hi-Fi

...

Model**Class****A1 additional battery****LFP24V480Wh****ARVEY**

POWER TO GO

ARTICLE NUMBER: 030100049

HIGH-PERFORMANCE BATTERY 24 V 20 Ah**PERFORMANCE DATA:**

CHARGE CURRENT	standard charging: 0,125 C Rapid charging: 0,25 C
STANDARD CHARGING METHOD	ARVEY ac charger (Power supply 60/120 W)
CHARGING TIME	standard charging: 8 hours rapid charging: 4 hours
CHARGE CURRENT	50 A max.
DISCHARGE CURRENT	50 A cont.
DISCHARGE CUT-OFF VOLTAGE	22,4 V
STORAGE TEMPERATURE	-10 °C to +50 °C
LIFE CYCLE	> 1000
CAPACITY-RETENTION RATIO	5 %

OPT. ACCESSORIES

Solar panels

Solar cable

Grounding cable

Battery

Battery cable

AC-Charger

Fuses 20 A

Lamp 2 W, 12 V

...

ELEMENTS REAR:

Connector AC charger

Battery cable connector fully covered + (plus)

Battery cable connector fully covered - (minus)

SAFETY PERFORMANCE:

SHORT CIRCUIT	No explosion, no fire
OVERCHARGE	No explosion, no fire
NAIL TEST (PIERCING)	No explosion, no fire
OVEN TEST (OVERHEATING 130°C)	No explosion, no fire
VIBRATION TEST	No explosion, no leakage
DROP TEST (2* 1,0 METRE WITH TURN)	No explosion, no leakage
CERTIFICATIONS	CE, RoHs, UN38.3
TRANSPORT CLASS	UN3481, DG Class 9

Specifications and Design can be changed at any time and without further notice.

State: MAY 2020

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AXSOL

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