

Model

Class

Battery LFP

24V20AH

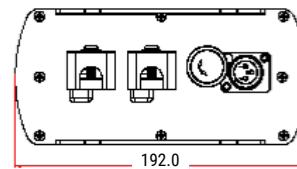
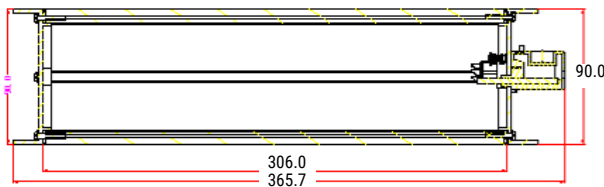
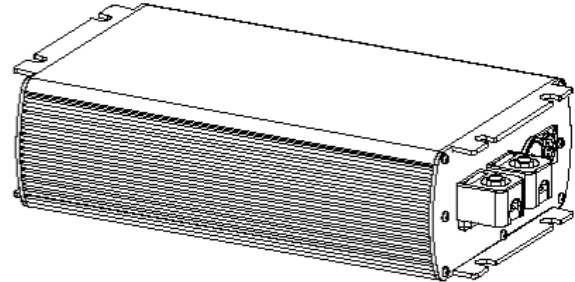


ARVEY

POWER TO GO

ARTICLE NUMBER: 030100049

HIGH-PERFORMANCE BATTERY 24 VOLTS 20 AMPERE HOURS



480 watt-hours of energy

The ARVEY LFP20 accumulator 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 LFP20 is 1000 cycles (about 3 years of regular use) and within normal terms of use.

TECHNICAL DATA:

WEIGHT INCL. CASING	6,9kg
BATTERY MASS	4,2kg
DIMENSIONS	365mm * 192mm * 90mm
CASING	Aluminum, brushed
OPERATING TEMPERATURE	-20°C to +60°C
IP CLASS	IP54
BATTERY TYPE	Lithium-Iron-Phosphate Polymer

PERFORMANCE DATA:

CHARGE VOLTAGE	29,2 Volt
NOMINAL VOLTAGE	24 Volt
NOMINAL CAPACITY	20 AH at 0,5C discharge

SCENARIOS

Duty vehicles
Trailers
Camping
(Sail)boats
Logistics
Humanitarian Aid
Military
Service-Vehicles
Outdoor
Photography
Model building
Car-Hi-Fi
...

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HIGH-PERFORMANCE BATTERY 24 VOLTS 20 AMPERE HOURS**PERFORMANCE DATA:**

CHARGE CURRENT	standard charging: 0,25C Rapid charging: 0,5C
STANDARD CHARGING METHOD	ARVEY ac charger
CHARGING TIME	standard charging: 5,0 hours rapid charging: 3,0 hours
CHARGE CURRENT	50 Ampere
DISCHARGE CURRENT	50 Ampere cont.
DISCHARGE CUT-OFF VOLTAGE	22,4 Volt
STORAGE TEMPERATURE	-10 °C to +45 °C
LIFE CYCLE	>=1000
CAPACITY-RETENTION RATIO	5%

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

OPT. ACCESSORIES

Solar panels

Solar cable

Grounding cable

Battery

Battery cable

AC-Charger

Fuses 20A

Lamp 2W, 12V

...

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

State: AUG 2019

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