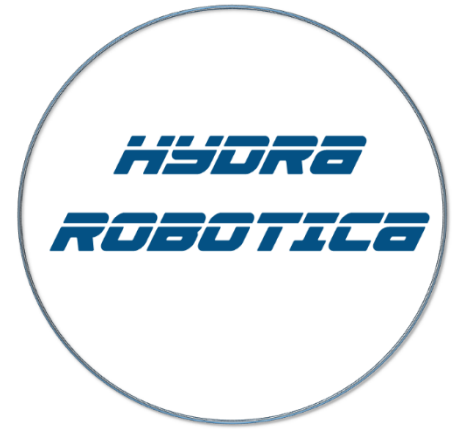


HB – 20kWh

BATTERY POWER PACK

Data sheet



Technical features

Hydraulic circuit

Oil Pressure: 160 bar

Oil Flow: 30 lt/min

Oil Tank = 30lt

Hydraulic proportional distributor 4 lever

Geometric constrains:

Dimensions: 740x1300x680mm

Weight: 400kg

N.4 Ground Wheel (Optional)

N.4 Lifting ring

Electric circuit

Battery type: Lithium NMC Hybrid

Battery Capacity: 19 kWh

Battery Voltage: 48V

Max Charge/Discharge: 300A

Motor Type: Brushless IPM motor

Motor Nominal Power: 8kW

Motor Peak Power: 15kW

Motor Controller: Inverter

Auxiliary voltage: 24V

Converter DC/DC

Remote control 24V - 4 PWM Lever

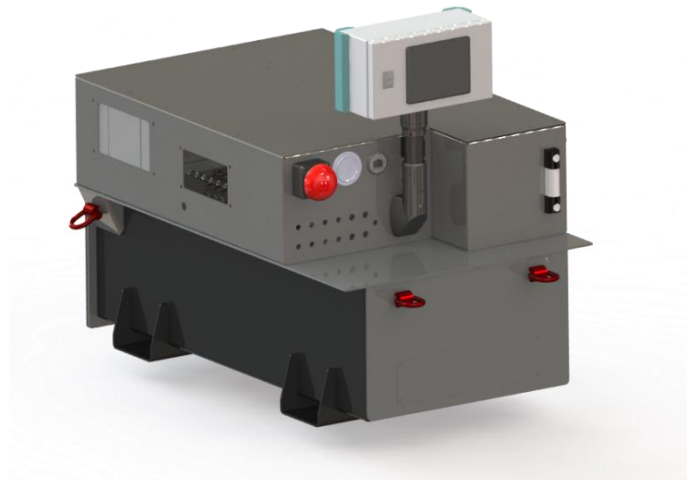
Motor max speed: 3000 rpm

N.1 Electrical cabinet

Auxiliary connection:

N. of hoses: 8 hydraulic hoses dimension 3/8"

N.1 Charging Unit (220V or 380V)



BATTERY POWER PACK HB-19

The power pack HB 19kWh is a complete hydraulic power pack designed for our robots. The power pack is feed by Lithium battery pack. Nominal voltage is 48V and aux is 24V. It is composed by tank, filter, electric motor, pump etc. The power pack is already coupled with the hydraulic distributor which is used to move the robot. For an optimal maneuverability the power pock is supplied with the remote control to operate smoothly on the proportional lever of the distributor. The power pack can be installed on a wheeled frame. Hydraulic specification: Oil flow 30lt/min Pressure 160 bar.

