



# OPERATING MANUAL

## LADY | ELECTRIC MOTOR

How to use your  
electric motor in few steps

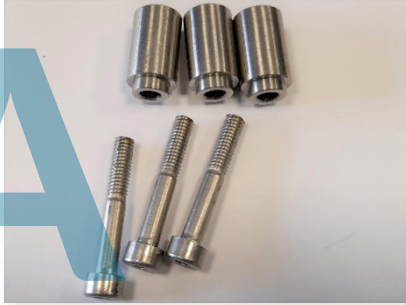


# 1. TECHNICAL FEATURES

- Waterproof polypropylene suitcase;
- Dimensions: 20 X 34 X 41 cm;
- 36 V - 15 Ah lithium-ion battery - Dimensions 76 X 70 X 260 mm;
- Li-Ion battery charger;
- Universal input Voltage 110/230 Vac, 50/60 Hz;
- Weight 11 Kg;
- Battery life more than 7000 meters;
- Speed controller;
- Torque controller;



# 2. ADAPTER ASSEMBLY



Take adapters;



Take your LADY jetting machine



Insert adapters on your Jetting machine one by one



Result should be as shown in picture above



Put electric motor into the adapters



Now you can start to jet cables



# 3. PANEL CONTROL



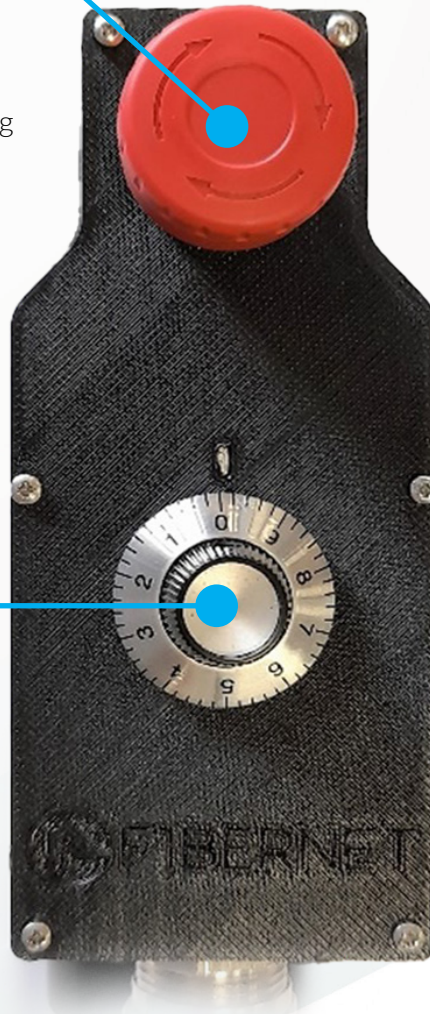
1. Battery Charge Level;
2. Motor Electrical Consumption;
3. Torque Alarm (Red Light = Torque Limiter);
4. Torque Reset Button;
5. Torque Control Knob;
6. Protection Fuse;
7. Charging Port;
8. Main Switch;
9. Current Alarm (Red Light = Current Limiter);
10. Emergency Key;
11. Speed Controller Knob;



# 4. MOTOR DIRECT CONTROL

## 10 EMERGENCY KEY

Pressing this button you can stop motor operations in any moment. (To Restore just turn it following arrows direction)



## 11 SPEED CONTROLLER

Using this knob you can control motor speed to ensure maximum efficiency



# 5. Li-Ion BATTERY CHARGER



## FEATURES

- Advanced High Frequency switching mode power supply technology;
- DC output isolated from AC input;
- Single Input 110 Vac and 230 Vac or Universal Input 110/230 Vac, 50 Hz ~ 60 Hz;
- Charging parameters are insensitive to the AC input line voltage variations;
- Completely automatic battery charging: CC, CV;
- 2 LEDs: LED 1 Red = Power on, LED 2 Red/Green = Charging/Charged;
- Short circuit, over voltage, over-temperature, reverse polarity protections;
- Efficiency > 85 %;
- Forced ventilation with fans;
- 100% full load burn-in test;



# 6. HOW TO LAY CABLES

- A. Set speed controller (11) into position "0";
- B. Set Main Switch (8) on "I" position ;
- C. Adjust the torque using "speed controller knob"(11), according to cable outer diameter (Small cable = Low Torque / Large cable = High Torque);

## IN CASE OF

- D. Torque Alarm (3) turns into red light set the speed controller (11) to "0" - Press Torque Reset Button (4) and readjust torque using its control knob (11)- (Restart from C);
- E. Current Limiter (9) turns into red light set the speed controller to "0" and switch OFF using Main Switch (8) then switch ON and restart from C;





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