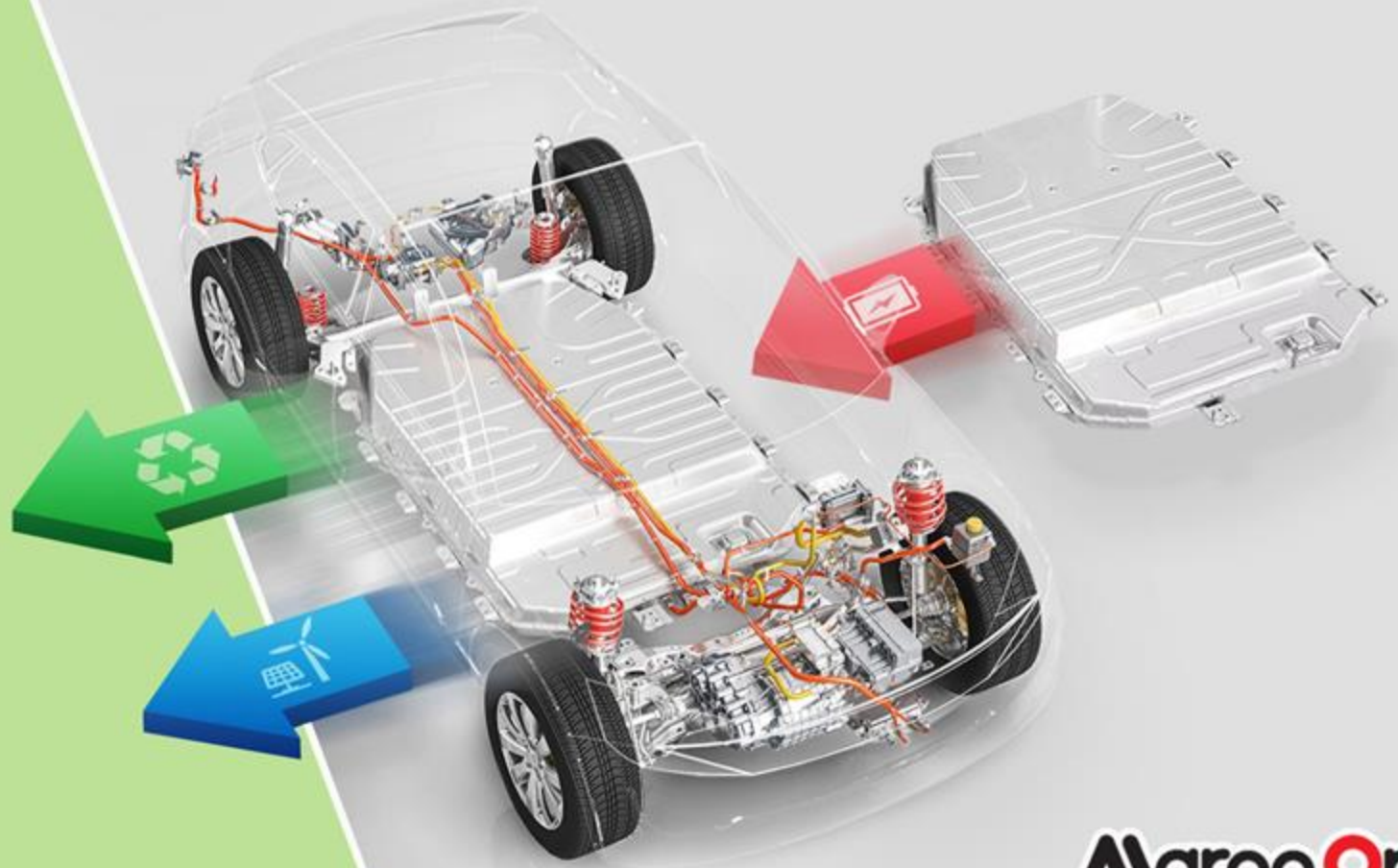


Use the hybrid discharger field

# Hybrid Discharger

**“EV Li-ion battery Discharger” (MPD-x500100)**

Reuse  
Recycle



**MarooOn**



# Hybrid Discharger (MPD-x500100)



## 1. Hybrid Discharger(MPD-x500100) Line-up



| Model                      | MPD-H500100      | MPD-S500100      | MPD-M500100      |
|----------------------------|------------------|------------------|------------------|
| Discharge Voltage          | 500V ~ -1V       | 500V ~ 2V        | 500V ~ 250V      |
| Discharge Current          | ~ 100A @10V      | ~ 100A @10V      | ~ 100A           |
| Short-circuit Function     | O                | O                | X                |
| Discharge method           | Constant Current | Constant Current | Constant Current |
| User interface             | 8inch touch LCD  | 8inch touch LCD  | 8inch touch LCD  |
| Wireless remote control    | O                | O                | O                |
| Windows OS Program support | O                | O                | O                |
| Data save                  | USB, PC          | USB, PC          | USB, PC          |
| Size                       | 850x635.2x1771mm | 850x635.2x1771mm | 850x635.2x1771mm |



# Hybrid Discharger (MPD-x500100)

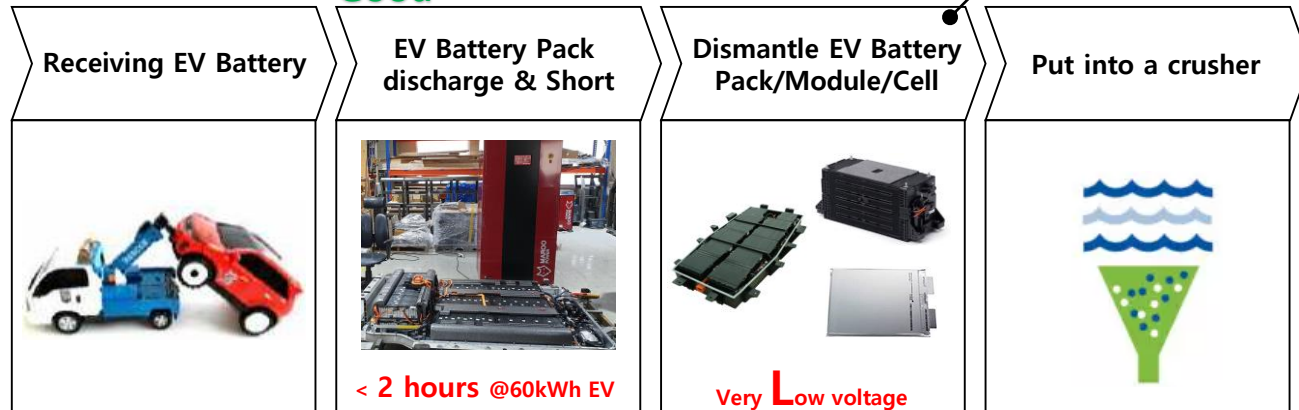
REUSE  
REDUCE  
RECYCLE

## 2. Advantages of hybrid discharger

- ❖ Safe recycling process and fast working time

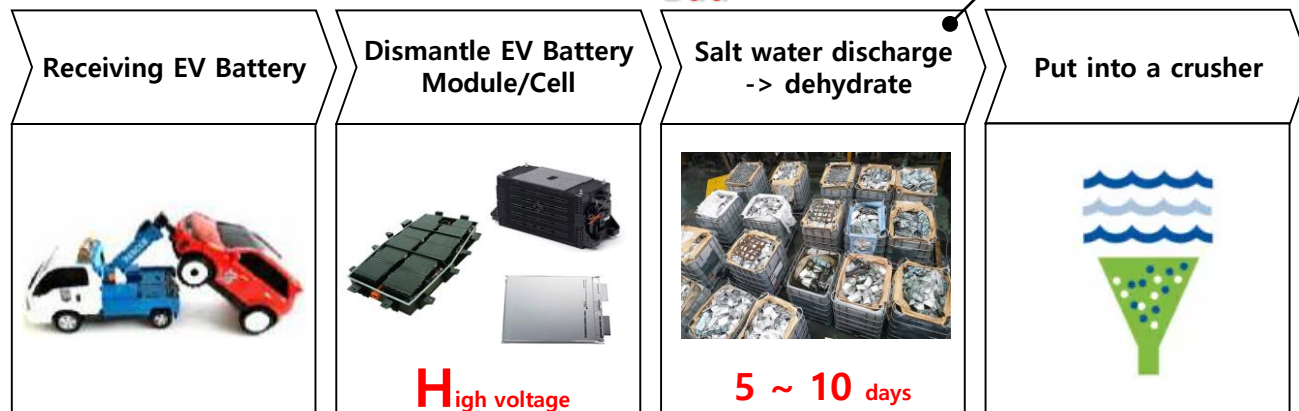
### [Hybrid discharger]

Good



### [Salt water discharge]

Bad





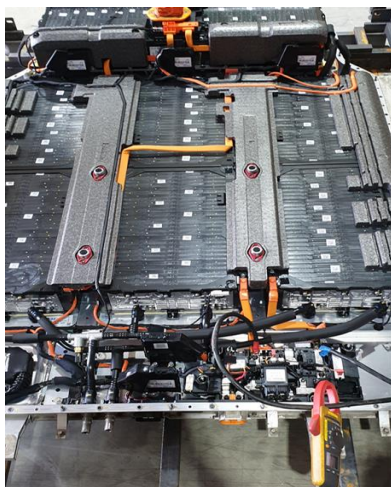
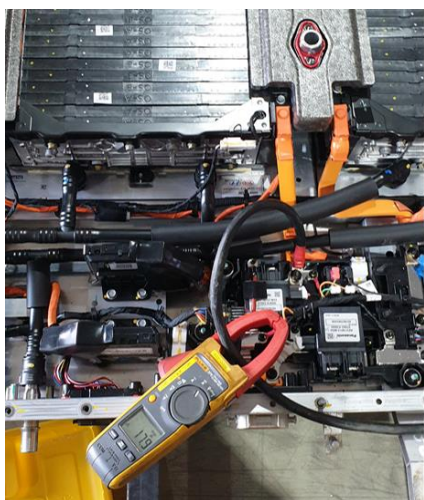
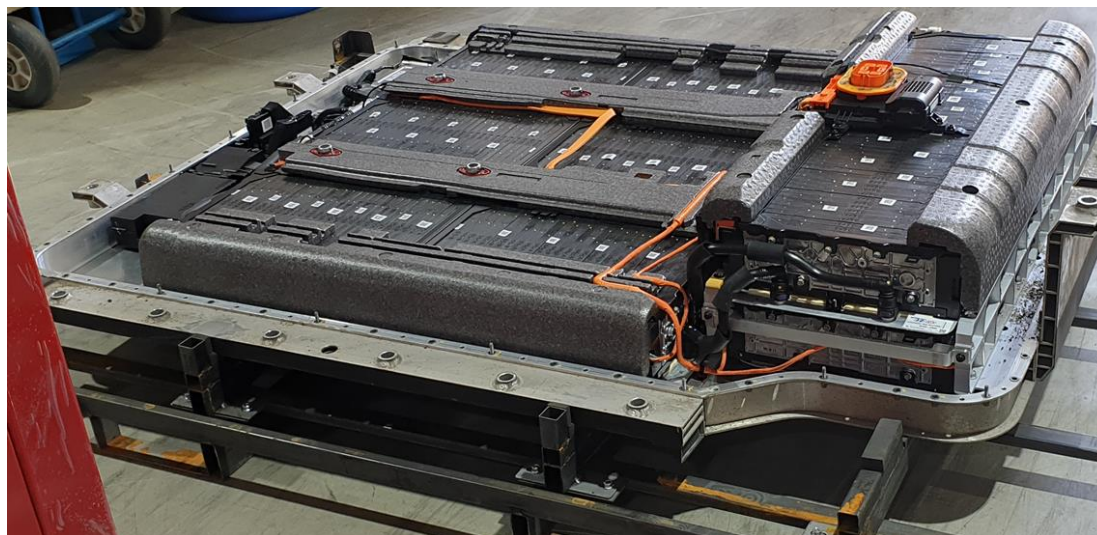


# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 3. Lab Performance Test #1

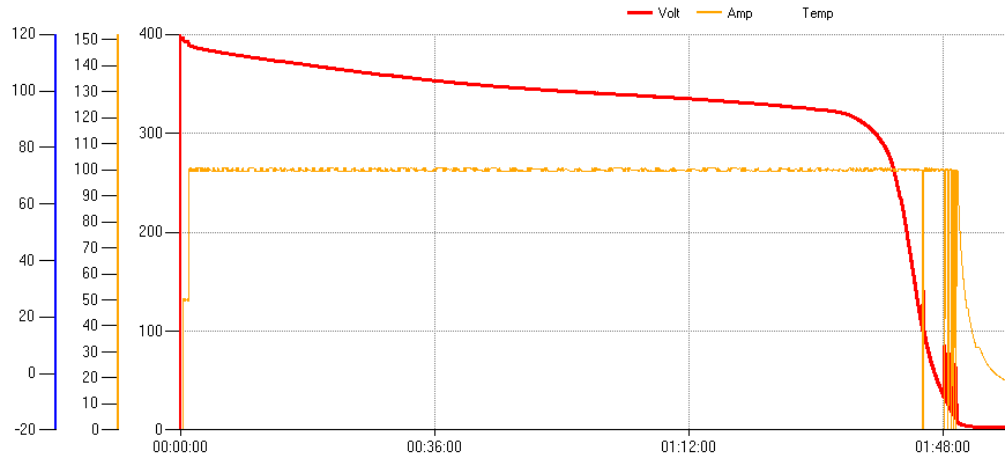
- EV Li-ion KONA Battery 64kWh Discharging



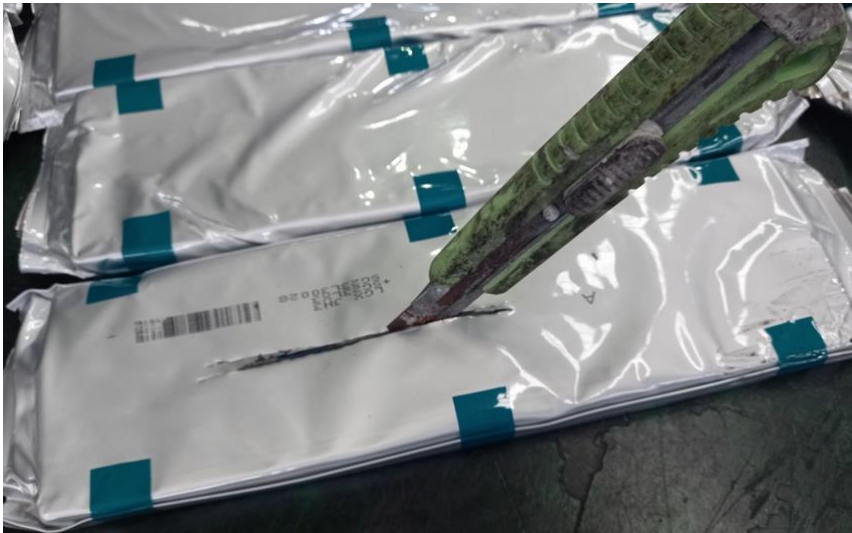


## 3. Lab Performance Test #1

### ● EV Li-ion KONA Battery 64kWh Discharging



64kWh battery can be discharged within 2 hours.  
Auto short-circuit after discharge.



After short-circuit the battery,  
cell short cutting testing is perfect!  
(Better work process compare to salt water discharge)





# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 3. Lab Performance Test #2

- EV Li-ion TESLA Battery 100kWh Discharging







### ● EV Li-ion TESLA Battery 100kWh Discharging



64kWh battery can be discharged within 3 hours.



# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field – EV battery pack







# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field







# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field







# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field







# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field







# Hybrid Discharger (MPD-x500100)

REUSE  
REDUCE  
RECYCLE

## 4. Case Field

Discharge mode has been ended.  
The battery is being short circuit.

The screenshot displays the control interface of the Hybrid Discharger (MPD-x500100). The interface is primarily red with white text. At the top, there is a navigation bar with buttons for '수동' (Manual), '프로그램' (Program), '필터옵션' (Filter Option), '로그파일' (Log File), and '화면잠금' (Screen Lock). The time 'PM 03:56' is displayed on the right. Below the navigation bar, there is a list of parameters on the left and a status area on the right. A central warning dialog box is overlaid on the screen.

| Parameter | Value |
|-----------|-------|
| 설정전압      | -0.1  |
| 시작전압      | 10.9  |
| 최저/고전압    | 1.6/  |
| 설정전류      | 10.0  |
| 전류량       | -0.0  |
| 설정시간      | 01:0  |
| 온도        | N.C   |

**알림**

방전모드가 종료 되었습니다. 배터리단락(쇼트) 중 입니다.

00:00:07

**확인**

**ACTIVE**

0.6 V

0.0 A

00:00:33 M

15:56:16

**일시정지** **정지** **확대/축소**