

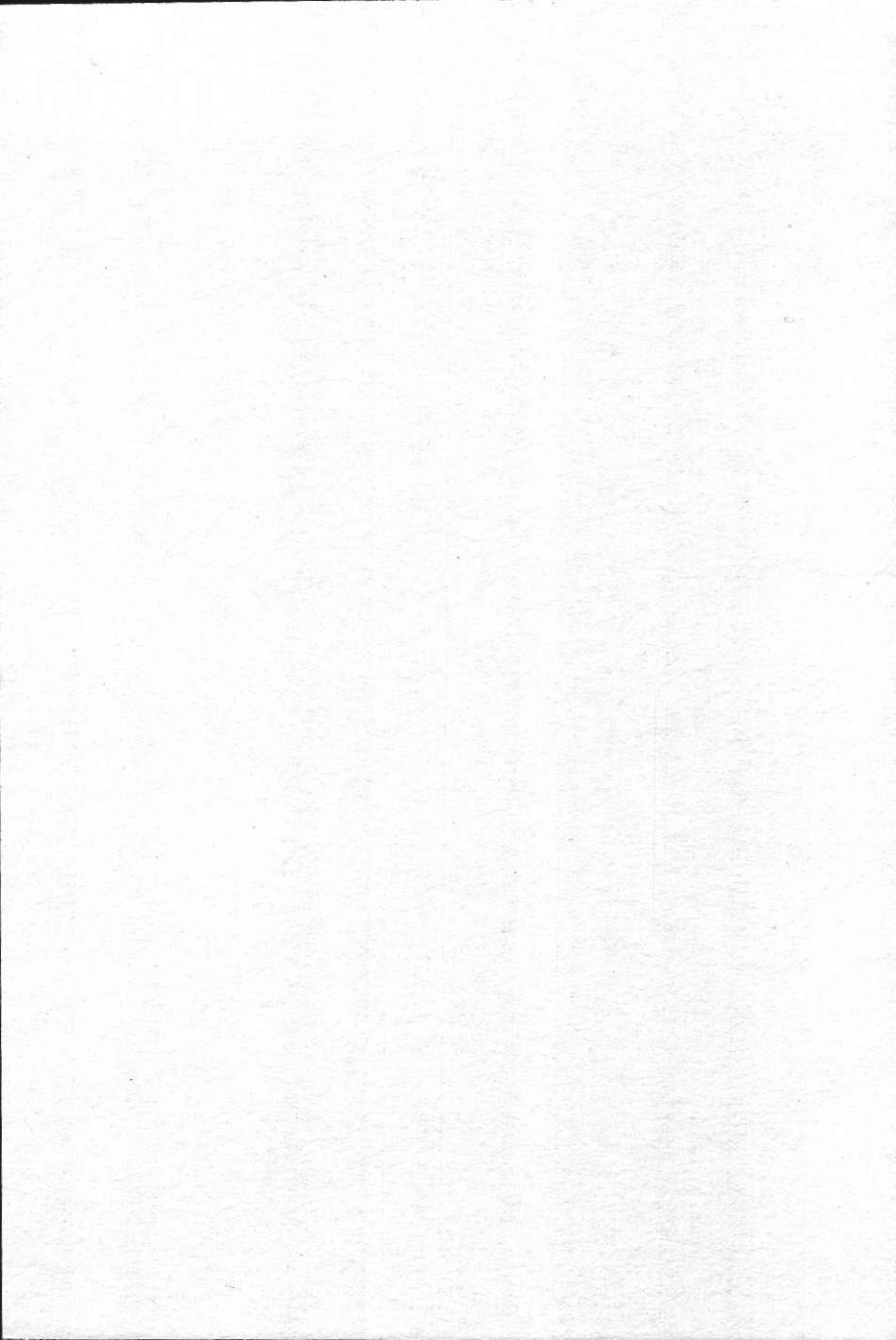
# Universal Rechargeable Li-ion Battery Pack

**Power ATM**

## **USER'S GUIDE**

### Model

- PM11-8000
- PM11-10000
- PM148-4000
- PM148-6000
- PM148-8000
- PM185-4000
- PM185-6000



# WARNING!

## Safety First

The following safety warnings must be observed at all times:

1. To prevent fire or shock hazard, do not expose the unit to rain or moisture.
2. CAUTION: To reduce the risk of electric shock, do not remove cover ( or back ).  
No user- serviceable parts inside. Refer to a qualified service centre.

## Declaration of Conformity

This class B digital device complies with part 15 of the FCC rule, EMC standard regulations En55022 Class B and Canadian ICES-003. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

\*\*\*\*注意\*\*\*\*

◎testがタンを10秒押し続けると反応します。

ケーブルについての説明を必ずお読みください

1.自分のパソコンにあうチップを選んでください

2.チップの上に(+) (-)記をよく確認してください

3.チップの(+)とケーブルの(+)あわせてつけてください

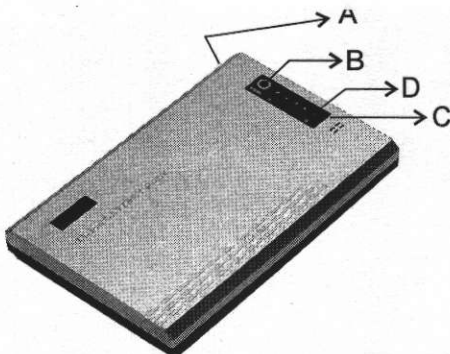
\*\*チップの(+)とケーブルの(-)は絶対につなげないでください

\*\*チップの(-)とケーブルの(+)は絶対につなげないでください

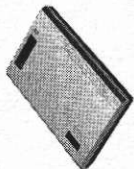
間違つて繋げるとパソコンが壊れる可能性が高いのでご注意ください

## Part Identification

- A. DC out / Charge Jack
- B. Power testing button
- C. Power meter
- D. Low battery flash alarm



# Specifications



Model	PM148-4000	PM111-8000	PM148-6000	PM185-4000	PM111-10000	PM148-8000	PM185-6000
Battery Capacity	4000mAh 14.8V TYP.	8000mAh 11.1V TYP.	6000mAh 14.8V TYP.	4000mAh 18.5V TYP.	10000mAh 11.1V TYP.	8000mAh 14.8V TYP.	6000mAh 18.5V TYP.
Battery Voltage	12--16.8V Max 4A	9--12.6V Max 8A	12--16.8V Max 6A	15--21V Max 6A	9--12.6V Max 8A	12--16.8V Max 8A	15--21V Max 6A
Discharge Current	18.0V 2A	12.0V 2A	18.0V 2A	20.0V 3A	12.0V 2A	18.0V 2.0A	20.0V 3.0A
Charge Voltage	157*76*22	166*106*22	166*106*22	166*106*22	200*112*22	200*112*22	200*112*22
Charge Current	420g	600g	600g	600g	750g	750g	750g
Battery Weight	Five stage charge level indicator (Low battery alarm)						
Battery Gauge	Over-charge/Over-discharge/Excess current/Short circuit						
Battery Protection	-20°C~60°C (Recomend -10°C~50°C)						
Discharge Temp.	0°C~40°C						
Charge Temp.	-10°C~40°C (Recomend -5°C~35°C)						
Storage	Full charged one time/45days						
Cycle Life	≥ 500 Cyc @ 20°C						

# Operation

Your laptop or device must have a power supply in jack

**Power ATM** compatible with input volt range for the power in of your laptop or device

## Battery Pack

PM11-8000  
PM11-10000  
PM148-4000  
PM148-6000  
PM148-8000  
PM185-4000  
PM185-6000

## input volt of your laptop or device

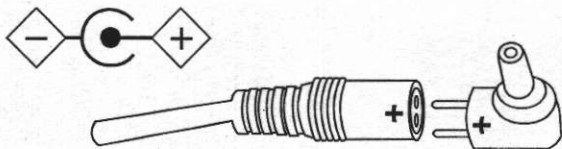
10V--14V  
10V--14V  
14V--18V  
14V--18V  
14V--18V  
18V--21V  
18V--21V

## Polarity Setting:

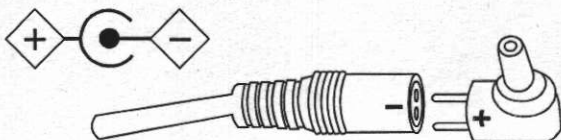
**You must make sure of the polarity setting!**

For 99% of the laptop or devices in the market, the adaptor plug configuration is '+' on the universal cable to '+' on the adapter plug; and '-' on the universal cable to '-' on the adapter plug. See illustration below:

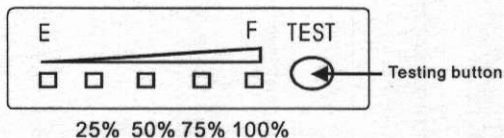
You can double check by looking for the following diagram near the power input connector on your laptop or devices.



If you see this diagram, match the '+' symbol on the universal cable to the '-' symbol on the adapter plug



## Power Meter



Power meter which can be activated after pressing the test button 10 secs..

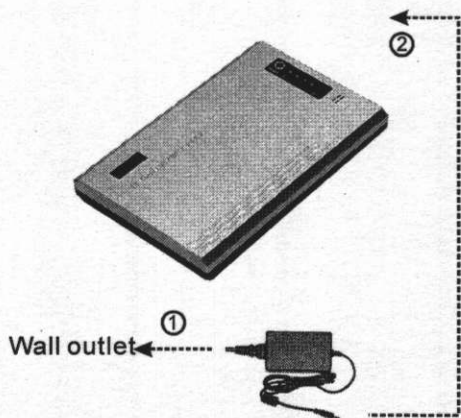
Press the testing button, the number of the LEDs light will show you the power level of the battery pack.

- |   |            |             |                                   |             |
|---|------------|-------------|-----------------------------------|-------------|
| 4 | green LEDs | light       | 75%--100%                         | power level |
| 3 | green LEDs | light       | 50%--75%                          | power level |
| 2 | green LEDs | light       | 25%--50%                          | power level |
| 1 | green LEDs | light       | < 25%                             | power level |
| 1 | red LED    | flash alarm | (battery pack need to be charged) |             |

When low battery alarm:

1. If you press the testing button once, the alarm stop.
2. If you press the testing button again, the alarm will operate.

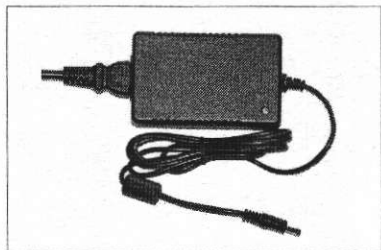
## Charge



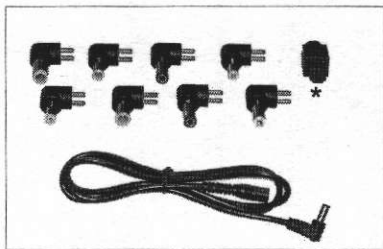
1. Connect the power cord of the AC charger to a wall outlet.
2. Connect the DC-out plug of the AC charger to the charge jack of the battery pack.

- The red light of the charger lights up when charging begins.
- When the charge light turns to green, normal charge is completed.
- No memory effect. The battery pack can be recharged at any time regardless of the amount of discharge.

## Standard Accessories:



AC Charger



Universal Cable & connectors

\* PM11-\*\*\*\* and PM148-\*\*\*\* not included

## Packing List

No.	Description	Unit	Quantity
1	Battery Pack	Pc	1
2	AC Charger	Pc	1
3	Universal Cable & Connectors	Set	1
4	User's Guide	Pc	1
5	Q.C Pass	Pc	1

\*Pictures above may be different from the practical product,  
any change will not be informed.

