

#### 4. USER PROGRAM MODE

Change to the USER PROGRAM

- Select the slow charge ON or OFF, change to next screen by pressing "ENTER"
- Select the delay time for repeak charge, change to next screen by pressing "ENTER"  
If you set up 0 MIN, there will be no 2nd auto repeak.
- CAUTION:** Auto repeak charge works for Normal Peak & Fuzzy Logic only.  
Select the partial rate (10-50%), change to next screen by pressing "ENTER"  
We recommend select 10-30% for Ni-MH battery long term storage.
- Select the operation end melody, change to next screen by pressing "ENTER"
- Then press the ENTER to USER PROGRAM MODE again.  
Change to other MODE when you control by DEC button.

#### 5. CHARGE MODE

Change to the CHARGE MODE by pressing the DEC and INC buttons.  
Change to CHARGE FUNCTION and press "ENTER"  
Then you can select the charge function, control by DEC and INC.  
Press "ENTER" to start. The rings will announce complete charge.

#### 6. DISCHARGE MODE

Change to the DISCHARGE MODE by pressing the DEC and INC buttons.  
Press "ENTER" to start. Check your battery info data & user program data.

#### 7. CYCLE MODE

Change to the CYCLE MODE by pressing the DEC and INC buttons.  
Press "ENTER" to start. Check your battery info data & user program data.

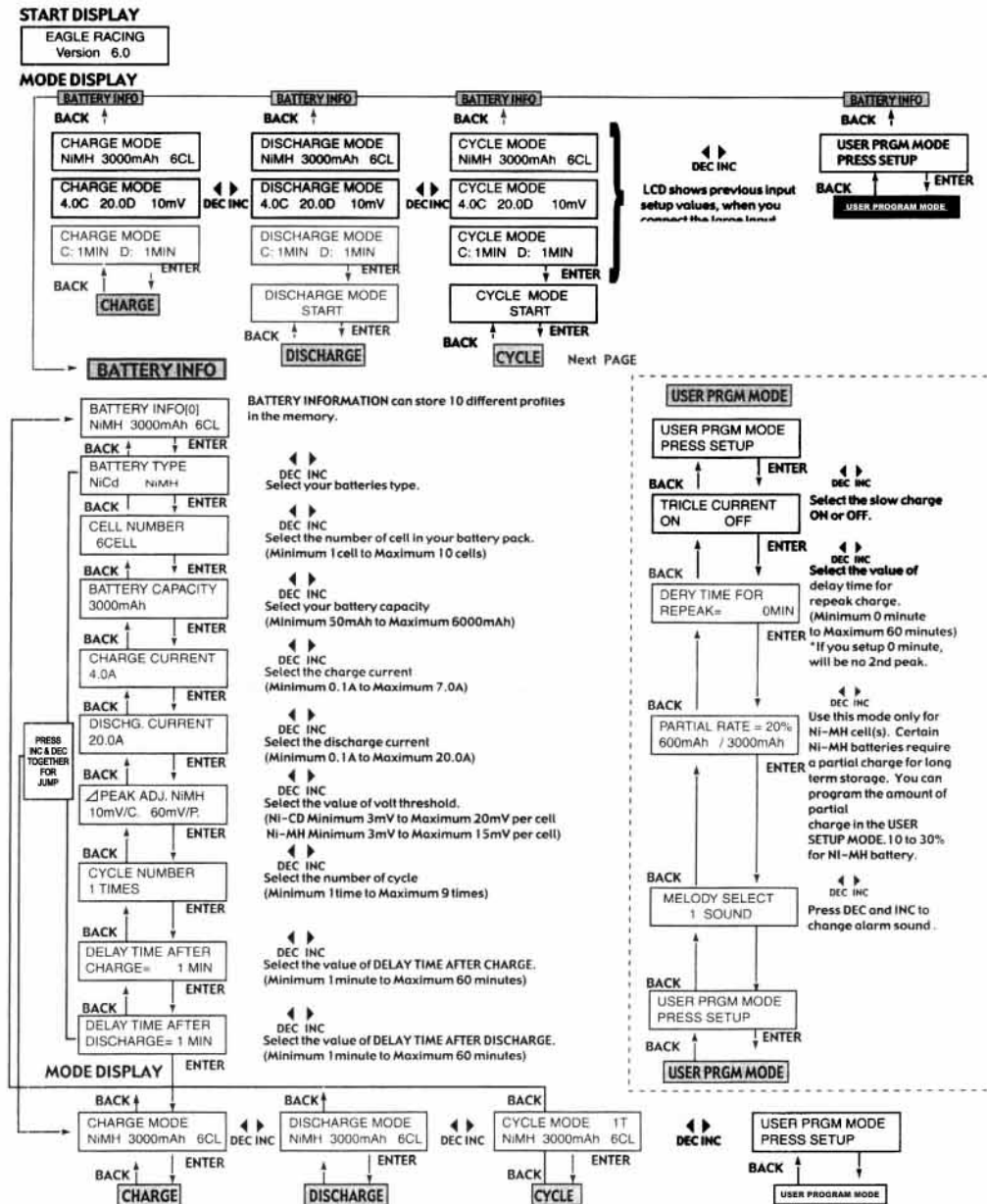
#### 8. DISPLAY RESULT

You can push DEC and INC together to access a special screen.  
This screen save previous battery charge and discharge information,  
data is available until power source is disconnected.

	KIND OF BATTERY	Standard threshold value	Maximum threshold value	Charge current	Discharge current
Ni-CD	SANYO less than 200mAh	3mV	(3mV)	less than 0.3A	less than 0.3A
	SANYO less than 500mAh	3mV	(3mV)	less than 0.3A	less than 0.3A
	SANYO 500mAh	3mV	(5mV)	less than 1.0A	less than 0.5A
	SANYO 600mAh	3mV	(5mV)	less than 1.0A	less than 0.5A
	SANYO 1100mAh	3mV	(5mV)	less than 1.0A	less than 0.8A
Ni-MH	SANYO 700mAh(AAA)	3mV	(5mV)	less than 1.0A	less than 0.5A
	SANYO 1700mAh (AA)	3mV	(5mV)	less than 1.0A	less than 0.8A
Ni-CD	SANYO RC1300	10mV	(15mV)	less than 4.0A	less than 15.0A
	SANYO RC1400	10mV	(15mV)	less than 4.0A	less than 15.0A
	SANYO RC1500	10mV	(15mV)	less than 4.0A	less than 15.0A
	SANYO RC1500HP	10mV	(15mV)	less than 4.0A	less than 15.0A
	SANYO RC1700	15mV	(20mV)	less than 5.0A	less than 20.0A
	SANYO RC2000	15mV	(20mV)	less than 5.0A	less than 20.0A
	SANYO RC2400	15mV	(20mV)	less than 5.0A	less than 20.0A
	SANYO RC2400HP	15mV	(20mV)	less than 5.0A	less than 20.0A
Ni-MH	SANYO RC3000	8mV	(15mV)	less than 5.0A	5.0A~20A
	SANYO RC3000HV	8mV	(15mV)	less than 6.0A	5.0A~20A
	Panasonic P-3000	5mV	(8mV)	less than 5.0A	5.0A~20A
	Panasonic P-3000HV	5mV	(8mV)	less than 5.0A	5.0A~20A
	Panasonic P-3000HV ULTRA METAL	5mV	(8mV)	less than 5.0A	5.0A~20A
	POWERS GT3000R & GT R3300	4mV	(6mV)	less than 4.0A	5.0A~20A

**ERROR MESSAGE** ..... Check the ERROR MESSAGE CHART which error you have.

## SELECTION MENUS CHART



#### ERROR MESSAGE

**INPUT VOLTAGE Error 10.451V**

In case the range of the input voltage exceeds between 11.5V-15.0V The above error message will be shown.  
Once ESC key is pressed, Mode selection Display will be show.

**Open Circuit Error**

In case the battery pack is disconnected during charging or discharging, the above error message will be shown.  
Once ESC key is pressed, Mode selection Display will be show.

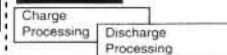
**No Battery Error**

In case Charge/Discharge/Cycle mode is practiced while the battery pack is disconnected, the above error message will be shown.  
Once ESC key is pressed, Mode selection Display will be show.

**Reverse Battery Error**

In case Charge/Discharge/Cycle mode is executed while the battery pack is connected in reverse, the above error message will be shown.  
Once ESC key is pressed, Mode selection Display will be show.

#### PROCESSING



Sometimes special processing time is required for resting battery packs. This is a preprogrammed function and will improve overall battery performance.