LinkVIeW

The test solution of Energy Storage Device

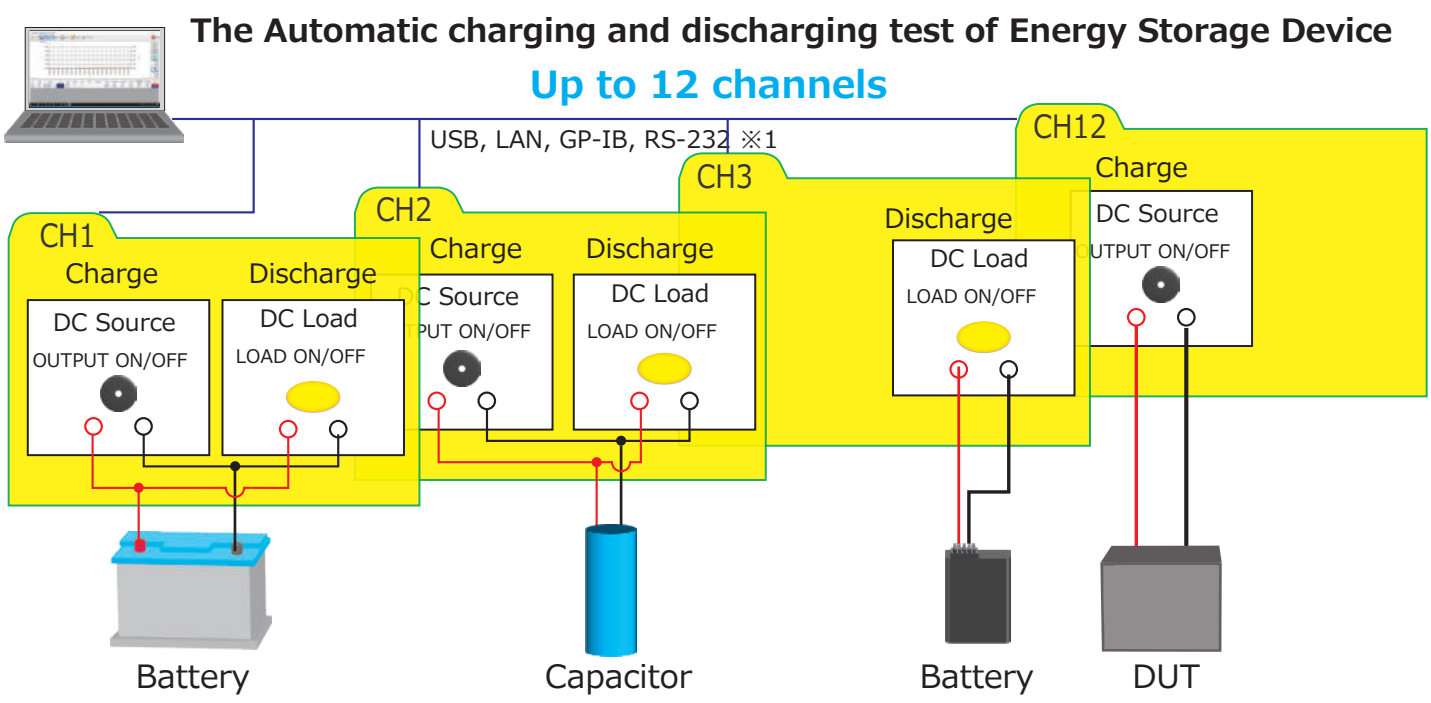
GW INSTEK
Simply Reliable

Combining DC regulated power supply and electronic load device, charge / discharge test is easily started with LinkVIeW.

GW Instek introduces LinkVIeW software to allow users to quickly set test instruments for the operation of charging and discharging tests on battery and super capacitor, etc. Users can define charging and discharging procedures to automatically execute procedures so as to obtain measurement results. History graphs are available and they can be exported to Excel for further analysis.

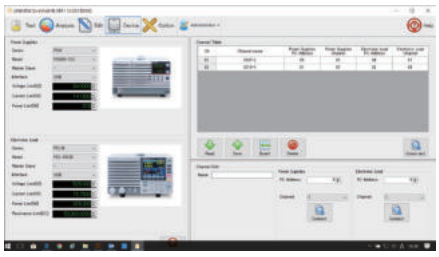
テストイメージ Test Image

※1 Interface setting depend on the each model.



Note: All of the power and electronic load must use the same series.

Device setting

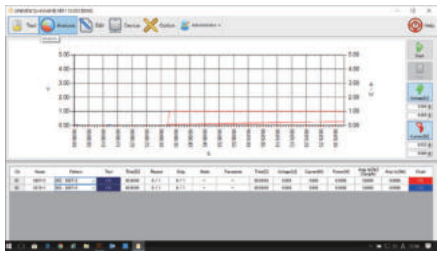


Up to 12 channels

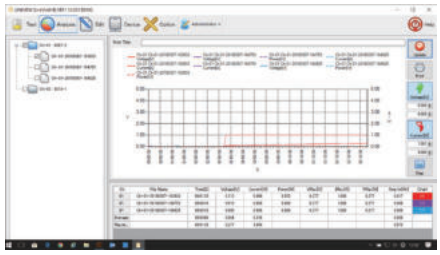
Edit : Charging / Discharging procedure editing

Support up to 100 patterns (sequence).
Sequence steps: 1000 steps Max.
Minimum record period: 1s. ※2
Maximum step time: 100 Min.
Maximum repeat cycles: 65535 cycles.

Test : Start/Stop



Analyzsis ※3



Feature

Easily expand capacity.

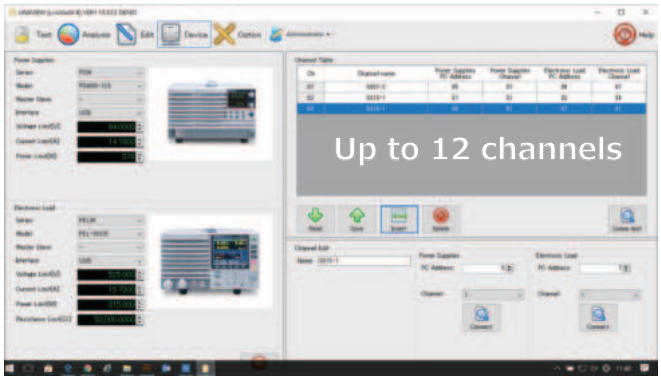
- **Long Term Power Monitoring of I, V, P(W)**
- **Create/define operation sequence for controlling Source/Load behavior.**
- **Simultaneously run test sequence of each channel and data logging**
- **Data Analyzer:**
- **VIeW chart: support Zoom In/Tracking of Samples**
- **VIeW table: summaries testing result for VIeW and also each step including Voltage/Current/Power/VMax/Imax/PMax/AmpHour**
- **Live Data Monitoring:**
- **VIeW: Self-defined display range/offset adjustable**
- **Controllable displayed Grapf setting**

※2 If the number of channels to be examined will increase, the sampling time per channel will increase due to the communication time

※3 LinkVIeW trial version doesn' t work Data Log and Analysis function.

Device Setting (Channel setting)

Edit channel: You can select used devices for each channels at 'Edit' button in the tool bar.
You can also set from One channel up to Twelve channels.
* 'Channel' also can consist one Power supply or one Electronic Load.

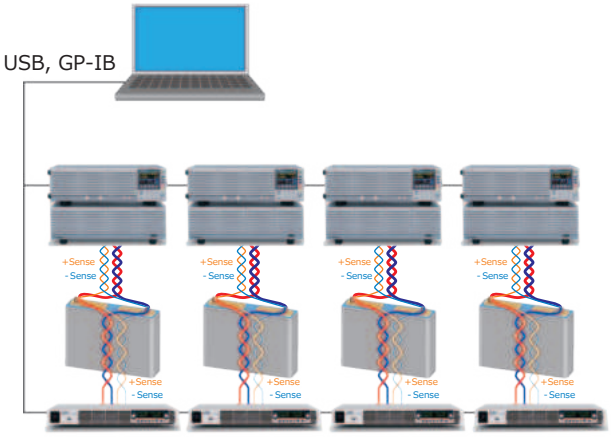


Support Models:

DC Power supply : PSU series / PSW series / PSB series

DC Load : PEL-3000 series / PEL-3000E series / PEL-2000A series

4 channel Large Battery Charge / Discharge Test



PEL-3000 series

PEL-3021

PEL-3111

PEL-3322

PEL-3533

PEL-3744

PEL-3955

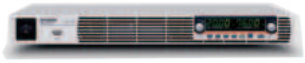
Interface※: USB, RS-232, GPIB(Option)

Model	PEL-3021	PEL-3041	PEL-3111	PEL-3211
Voltage	1.5V~150V	1.5V~150V	1.5V~150V	1.5V~150V
Current	35A	70A	210A	420A
Power	175W	350W	1050W	2100W

Model	PEL-3212	PEL-3323	PEL-3424	PEL-3531
Voltage	1.5V~150V	1.5V~150V	1.5V~150V	1.5V~150V
Current	0~420A	0~630A	0~840A	0~1050A
Power	2100W	3150W	4200W	5250W

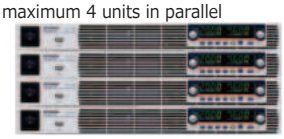
Model	PEL-3322	PEL-3533	PEL-3744	PEL-3955
Voltage	1.5V~150V	1.5V~150V	1.5V~150V	1.5V~150V
Current	0~630A	0~1050A	0~1470A	0~1890A
Power	3150W	5250W	7350W	9450W

PSU series



Interface※: USB, LAN, RS-232, GPIB(Option)

maximum 4 units in parallel



※ Other interface does not use at LinkVIeW.

PSU series provides maximum 2 units in series connection (models under 300V) to achieve maximum 600V or 4 units in parallel connection to obtain maximum 800A and the maximum output power of 6.24 kW.

	PSU6-200	PSU12.5-120	PSU20-76	PSU40-38	PSU60-25
V	6	12.5	20	40	60
A	200	120	76	38	25

	PSU100-15	PSU150-10	PSU300-5	PSU400-3.8	PSU600-2.6
V	100	150	300	400	600
A	15	10	5	3.8	2.6