

Bidirectional Battery-Tester

Type BRTS-DC-3867



Continuous transfer from mains supply to energy recovery up to 500 kW

Database system for data acquisition

Client-Server-Tool

Fast 480-channel data logger (option)

Battery safety device (BSD)

High dynamic (transient time < 3msec)

Low ripple < 0.5 %

Electrical isolation

Low mains feed back through P.F.C-

Output load up to 1000 A every channel
(paralleling up to 2 channels)

Intelligent monitoring functions

Autark system with redundant supervision

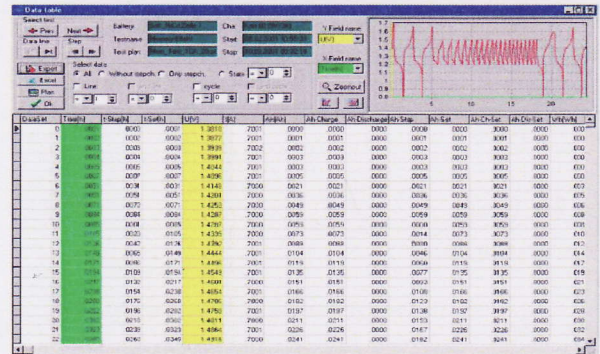
Programmable limits for V, A, kW

Output voltage up to 1000 V

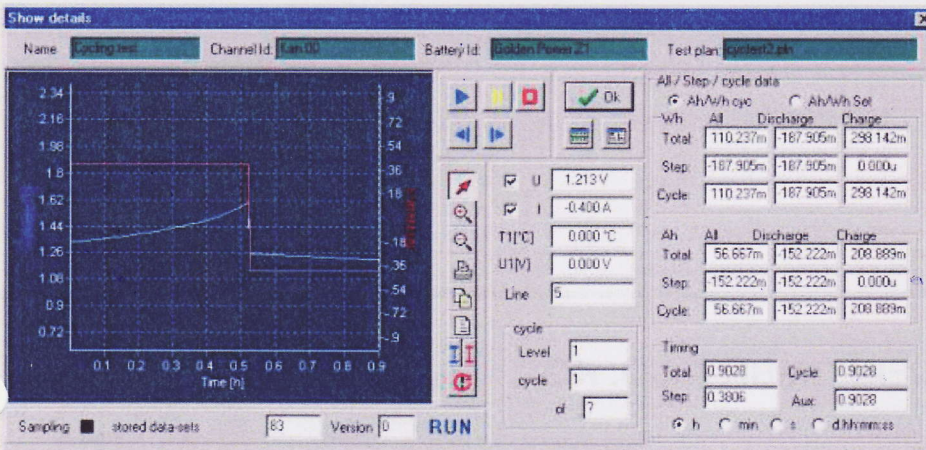
Robust construction for test fields

Natural cooling

Customer specific designs



Level	Label	Command	Parameter	Termination	Action	Registration	Comment
1	Start	Start	Tcell1:50°C	Gate Error	Overtemperature protection		
2	Charge	Charge	I:500mA dTcell1/dt:1°C/min UMax:U:10mV t:2h		1-2min	Charge	
3	Cycle-start	Cycle-start	U<1.0V	Gate READY			Main cycle
4	Discharge	Discharge	I:500mA Ab:0.1CN		1-2min	Discharge 10%	
5	Cycle-start	Cycle-start					Sub cycle
6	@ri_test	@ri_test	I1:100mA I2:500mA Count:5				DC Ri Test
7	Cycle-end	Cycle-end	Count:10				
8	READY	Charge	I:500mA dTcell1/dt:1°C/min UMax:U:10mV t:2h		1-2min		
9	ERROR	Stop					



**Batterytest
Hard- and
Software from
BaSyTec
enclosed**

