

## K-3986 Charger/Discharger Complex

---Not only a Charger or Load Unit for Battery String



It is complex unit with one-stop-solution for battery maintenance. With charging and discharging for the same battery string, it will greatly simplify your maintenance for batteries. Extra functions like wireless online monitoring and battery activation will enable you to know your batteries comprehensively.

### Feature

- ◆ Suitable for all standby batteries and power batteries: 1.2V, 2V, 6V and 12V
- ◆ Multi-function in one unit: it uses 3-phase charging, constant current discharging and battery string activation
- ◆ Multi-condition for operation auto-stop: time out, maximum capacity, minimum voltage threshold (for battery or string)
- ◆ Lag-out batteries could be automatically sorted, and activation function is used to enhance their performance
- ◆ Optional wireless DAC enables real-time PC monitor for measurement
- ◆ State-of-the-art technique of soft-off for battery charging
- ◆ Graphical display, showing test result with curves
- ◆ Over voltage protection and under voltage warning function
- ◆ Thermal protection, auto stop in overheating and auto start in normal temperature
- ◆ Powerful data view software for complex data analyzing and report printing
- ◆ Various models applicable to different area of industry like telecom and power utility

### Technical Parameter

Parameter	Testing Range	Resolution & Accuracy
Total discharge voltage	10~264V (Nom: 220V) 10~132V (Nom: 110V) 10~55.2V (Nom: 48V)	Resolution: 0.1V Accuracy: 0.5%
Total charge voltage output	176~288V (Nom: 220V) 90~143V (Nom: 110V) 40~57.6V (Nom: 48V)	Resolution: 0.1V Accuracy: 0.5%
Charge/discharge cell voltage	0.000V~16.00V	Resolution: 0.1V Accuracy: 0.5%
Operating Time	0~99h 59m	

### Specification

Mains: 100-240VAC, 50/60Hz or AC 380V, 3 phase

Temperature: 0°C~40°C (Operating)

Humidity: 5%~90% Relative Humidity

Display: 128\*64 pixel LCD screen

Standard: CE market, EMC standard, LVD 60335



### Optional Data Acquisition Case (DAC)

DAC is optional for wireless communication with K-3980 main unit and PC. The new insulation-protected DAC is rugged and capable to measure all type of batteries (1.2V, 2V, 6V and 12V).

### Ordering Information

CODE	Description	Dimension & Weight (main unit)
DCC-22001	For battery 220 VDC Discharge current: 0-50A Charge current: 0-30A	L550*W440*H565mm 32kg
DCC-11001	For battery 110 VDC Discharge current: 0-100A Charge current: 0-40A	L550*W250*H450mm 32kg
DCC-4801	For battery 48 VDC Discharge current: 0-150A Charge current: 0-50A	L401*W177*H368mm 19kg
DCC-4802	For battery 48 VDC Discharge current: 0-200A Charge current: 0-100A	L550*W250*H450mm 21kg