

Electrochemical Property Analyzer

▶ ERT Series



ERT6008 Series

Product	ERT6008 Series (Cyclic Voltammetry Analyzer)		
Photo			
Type	ERT6008-5V100mA	ERT6008-5V6A	ERT6008-5V12A
Weight	4.5kg	20kg	
Dimension	445x305x50mm	575x485x135mm	
Channel	8		
Voltage	±5V	±5V	0-5V
V&I Accuracy	±0.01% F.S.		
Working Temp	-20~80℃		
Power	30W	500W	1000W
Current	10nA~0.1mA~1mA~10mA~100mA	0.6μA~6mA~60mA~600mA~6A	1.2μA~12mA~120mA~1.2A~12A
★Electrochemical features★	Cyclic Voltammetry (CV), Linear Sweep Voltammetry (LSV), GITT/PITT/CA/CP Testing		
Output	Four-Electrode Aviation Connector (Supports three-electrode testing with auxiliary voltage integration)		
Operating Modes	Charge-Discharge Modes: Constant Current Charge/Discharge (CC), Constant Voltage Charge/Discharge (CV), Constant Current-Constant Voltage Charge/Discharge (CC-CV), Constant Power Charge/Discharge (CP), Constant Resistance Charge/Discharge (CR), DCIR (Direct Current Internal Resistance), Rate Charge/Discharge Electrochemical Modes: Cyclic Voltammetry (CV), Linear Sweep Voltammetry (LSV), GITT (Galvanostatic Intermittent Titration Technique), PITT (Potentiostatic Intermittent Titration Technique), CA (Chronoamperometry), CP (Chronopotentiometry)		

ERT7008 Series

Product	ERT7008 Series (Cyclic Voltammetry +EIS Analyzer)		
Photo			
Type	ERT7008-5V100mA	ERT7008-5V6A	ERT7008-5V12A
Weight	4.5kg	20kg	
Dimension	445x305x50mm	575x485x135mm	
Channel	8		
Voltage	±5V	±5V	0-5V
V&I Accuracy	±0.01% F.S.		
Working Temp	-20~80℃		
Power	30W	500W	1000W
Current	10nA~0.1mA~1mA~10mA~100mA	0.6μA~6mA~60mA~600mA~6A	1.2μA~12mA~120mA~1.2A~12A
★Electrochemical features★	Cyclic Voltammetry (CV) + Electrochemical Impedance Spectroscopy (EIS) testing: 0.01Hz~100kHz		
Output	Four-Electrode Aviation Connector (Supports three-electrode testing with auxiliary voltage integration)		
Operating Modes	Charge-Discharge Modes: Constant Current Charge/Discharge (CC), Constant Voltage Charge/Discharge (CV), Constant Current-Constant Voltage Charge/Discharge (CC-CV), Constant Power Charge/Discharge (CP), Constant Resistance Charge/Discharge (CR), DCIR (Direct Current Internal Resistance), Rate Charge/Discharge Electrochemical Modes: Cyclic Voltammetry (CV), Linear Sweep Voltammetry (LSV), GITT (Galvanostatic Intermittent Titration Technique), PITT (Potentiostatic Intermittent Titration Technique), CA (Chronoamperometry), CP (Chronopotentiometry)		

ERT7008M Series

Product	ERT7008M Series (Cyclic Voltammetry +EIS Analyzer)		
Photo			
Type	ERT7008M-5V100mA	ERT7008M-5V6A	ERT7008M-5V12A
Weight	4.5kg	20kg	
Dimension	445x305x50mm	575x485x135mm	
Channel	8		
Voltage	±5V	±5V	0-5V
V&I Accuracy	±0.01% F.S.		
Working Temp	-20~80℃		
Power	30W	500W	1000W
Current	10nA~0.1mA~1mA~10mA~100mA	0.6μA~6mA~60mA~600mA~6A	1.2μA~12mA~120mA~1.2A~12A
★Electrochemical features★	Cyclic Voltammetry (CV) + Electrochemical Impedance Spectroscopy (EIS) testing: 0.01Hz~2MHz		
Output	Four-Electrode Aviation Connector (Supports three-electrode testing with auxiliary voltage integration)		
Operating Modes	Charge-Discharge Modes: Constant Current Charge/Discharge (CC), Constant Voltage Charge/Discharge (CV), Constant Current-Constant Voltage Charge/Discharge (CC-CV), Constant Power Charge/Discharge (CP), Constant Resistance Charge/Discharge (CR), DCIR (Direct Current Internal Resistance), Rate Charge/Discharge Electrochemical Modes: Cyclic Voltammetry (CV), Linear Sweep Voltammetry (LSV), GITT (Galvanostatic Intermittent Titration Technique), PITT (Potentiostatic Intermittent Titration Technique), CA (Chronoamperometry), CP (Chronopotentiometry)		

Initial Energy Science&Technology (Xiamen) Co., Ltd.

Tel: (86)592-5367060

Fax: (86)592-5367062

Mail: info@iesttech.com

Web: www.iestbattery.com

Add: Bldg 2, Anren Ind. Park, No. 1068-3, Jimei North Avenue, Jimei District, Xiamen, China.



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