HYNN TECHNOLOGY
Add: No.8 Nanyuan Road, Songshan Lake Zone, Dongguan City, Guangdong, China
E-mail: business@hynn.com.cn / info@hynn.com.cn Web: www.hynn.com
Tel: +86-769-26627730 / +86-4001667608 Postcode: 523000

Regenerative Digital Battery Tester

(with Energy Feedback Function)

Functional Characteristics

- High precision.
- Excellent data statistics, analysis and report functions.
- Easy to program and operate.
- System channels can be used in parallel, broden device usage range.
- Wide DC voltage input range, improves system efficiency.
- Advanced mulit-level technology.

Parameters

20V10A-24H	**30V30A-24H**	**60V60A-24H**
100V120A-8H	**100V300A-2H**	**200V800A-1H**

AC input voltage range	Input power frequency range
380VAC±10%, three-phase five-wire system	**50±2Hz**

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Maximum AC input power **5.5~180kW**	Power range **4.8~160kW**
Power factor **>0.99 (Rated power)**	Charging efficiency **≥90%**
Grid current (THD) **≤5% (Rated power)**	Discharge efficiency **≥90%**
Power accuracy **2‰**	Number of output channels **1~24CH**
Output DC voltage range **20~200V**	Output DC current range **10~800A**
Output voltage control accuracy **±0.03%FS**	Output current control accuracy **±0.03%FS**
Voltage rise/Fall response time **≤10ms (10%~90%)**	Battery voltage range **20~200V**
Maximum battery current input **10~800A**	Battery voltage display resolution **0.1mV**
Battery current display resolution **0.1mA**	Data acquisition period **10ms**
Data upload and recording period **100ms**	Communication interface **LAN/CAN2.0/RS 485/SMBUS**
Protection rating **IP 20**	Operating temperature range **-10°C~+45°C**
Humidity range **0~90% (Non-condensing)**	Size (W*D*H) **800*800*2200 mm**
Auxiliary power supply **Voltage ±5V, temperature -40°C~+200°C**	