**HYNN** TECHNOLOGY

Add: Building A2, Silicon Valley Power Science Park, 38 Dongke Rd, Dongguan, 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



## 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.

## Equipment Parameters

| Model | HYNN-DEPT60V100A-8CH | HYNN-DEPT100V300A-2CH |
|---|---|---|
| Range of input voltage for communication | 380VAC +10% three-phase five wire system | |
| Input the frequency range of the power grid | 50±2Hz | |
| Maximum power input for communication | ≤55kVA | ≤66kVA |
| Charging power | 48kW | 60kW |
| Power factor | >0.99 (rated power) | |

| | | |
|---|---|---|
| Charging efficiency | >90% | |
| Grid connected current (THD) | ≤5% (rated power) | |
| Output channel | 8 channels | 2 channels |
| Output DC voltage range | 5~60V | 10~100V |
| Output voltage control accuracy | ±(0.5‰FS+0.5‰RD) | |
| Output DC current range | ≤100A | ≤300A |
| Output current control accuracy | ±(0.5‰FS+0.5‰RD) | |
| Current rise/fall responses | 10ms (10%-90%) | |
| Battery input voltage range | 5~60V | 10~100V |
| Maximum input current of battery | ≤100A | ≤300A |
| Maximum output grid power | ≤48kW | ≤60kW |
| Feed efficiency | >90% | |
| Battery voltage display resolution | 1mV | |
| Power accuracy | 2‰ | |
| Data collection cycle | 10ms | |
| Data recording cycle of upper computer | 100ms | |
| Communication interface | LAN/CAN2.0/RS 485 | |
| Protection level | IP 20 | |
| Working temperature range | 0-40℃, altitude <1000 m | |
| Maximum relative humidity | 0~90% (no condensation) | |
| Dimensions (width*depth* height) | 800*800*2200mm | |