

Measured capacity>Nominal capacity+5%



CONTAINERIZED ESS  
(H2C SERIES)

| Container Energy Storage System                   |                                           |                                                                                                      |
|---------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------|
| Rated output power                                |                                           | 5MWh(0.5C)2.5MWh(0.5C)                                                                               |
| Rated capacity                                    |                                           | 3.2V280AH/314AH CELL、51.2V280AH/314AH MODEL                                                          |
| AC Phases                                         |                                           | Three-phase Four-wire                                                                                |
| AM-FM<br>Mode                                     | Rated voltage                             | 380V                                                                                                 |
|                                                   | Voltage range                             | 380±15%V                                                                                             |
|                                                   | Rated frequency                           | 50Hz                                                                                                 |
|                                                   | Frequency range                           | 47.5～51.5Hz                                                                                          |
|                                                   | Total current waveform                    | <5%                                                                                                  |
|                                                   | Distortion rate(THD)                      | <5%                                                                                                  |
|                                                   | Output power factor                       | ≥0.99                                                                                                |
| Off-grid<br>operation<br>mode                     | Rated voltage                             | 380V                                                                                                 |
|                                                   | Voltage accuracy                          | <±3%                                                                                                 |
|                                                   | Output voltage distortion                 | <5%                                                                                                  |
|                                                   | Rated output frequency                    | 50±2%Hz                                                                                              |
|                                                   | Voltage transition range                  | <10%                                                                                                 |
| On-Grid<br>operation<br>mode                      | Withstand three -<br>phase load imbalance | 100%                                                                                                 |
|                                                   | Rated voltage                             | 400V                                                                                                 |
|                                                   | Voltage range is allowed                  | 380±15%V                                                                                             |
|                                                   | Frequency range                           | 47.5~51.5HZ                                                                                          |
| Power factor                                      |                                           | ≥0.99(absolute value)                                                                                |
| Noise                                             |                                           | < 70dB                                                                                               |
| IP GRADE                                          |                                           | IP54                                                                                                 |
| Internal communication                            |                                           | Ethernet                                                                                             |
| Customized Container                              |                                           | Fire Extinguisher/Lighting system/Air cooling<br>(Water cooling system optional/Anti fire Layer etc) |
| Dimension                                         |                                           | 40'HQ20'HQ                                                                                           |
| Weight                                            |                                           | ~70TON~30TON                                                                                         |
| Cooling method                                    |                                           | Air cooling/Liquid cooling                                                                           |
| Certification: CE/MSDS/UN38.3/UL/IEC62619/VDE4110 |                                           |                                                                                                      |