



### Leading Technology

- Master+Slave architecture BMS with advanced AI algorithms.
- OTA upgrade capabilities & cloud platform EMS, to every RACK.
- Supports multiple inverter communications.



### Convenient installation

- Minimalist design and cost-saving building block installation.
- Error-proof installation with quick-connect & adaptive communication.
- PACK / RACK designed to IP65 with C5 corrosion protection.



### Flexible configuration System

- Up to 7 PACKs in series (up to 70 kWh).
- Maximum 4 RACKs in parallel to increase capacity to 280 kWh without adding other equipment.
- Industrial-Grade BMS protection & voltage level auto-matching allows free combination of series / parallel connections.
- 8000 cycles of design life to increase the return on investment in C&I energy storage scenarios.



### Local Service Support

- Provides support from the design until the operation.
- Pre-sales and sales activities including online & offline product training.
- Logistics including warehousing and delivery to the installation site.
- We provide local technical support for installation, commissioning, and operation (including warranty service).

| Model                           | CFE-XH-20   | CFE-XH-30          | CFE-XH-40           | CFE-XH-50           | CFE-XH-60           | CFE-XH-70           |
|---------------------------------|---|--------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Stacked PDU</b>              |   |                    |                     |                     |                     |                     |
| Model                           | CFE-PDU 1000 - 100 - GR   |                    |                     |                     |                     |                     |
| Communication Method            | CAN / RS 485 / Wi-Fi  |                    |                     |                     |                     |                     |
| Installation Method             | Racks   |                    |                     |                     |                     |                     |
| Humidity                        | 0 – 95% RH (non-condensing)   |                    |                     |                     |                     |                     |
| Altitude                        | ≤3500 m   |                    |                     |                     |                     |                     |
| Nominal Voltage                 | 1000 Vdc  |                    |                     |                     |                     |                     |
| Nominal Current                 | 100 A (Charge & Discharge Rate of 1C)   |                    |                     |                     |                     |                     |
| Size ( W × D × H )              | 442 × 450 × 133 mm  |                    |                     |                     |                     |                     |
| <b>Rack Batteries</b>           |   |                    |                     |                     |                     |                     |
| Battery Type                    | LFP (LiFePO4)   |                    |                     |                     |                     |                     |
| Model                           | CFE – PA102 – 100 – GR  |                    |                     |                     |                     |                     |
| Capacity                        | 20.48 kWh   | 30.72 kWh          | 40.96 kWh           | 51.20 kWh           | 61.44 kWh           | 71.68 kWh           |
| Battery Voltage (PACK 102.4V)   | 204.8 V   | 307.2 V            | 409.6 V             | 512.0 V             | 614.4 V             | 716.8 V             |
| Capacity                        | 100 Ah  |                    |                     |                     |                     |                     |
| <b>Electrical Parameters</b>    |   |                    |                     |                     |                     |                     |
| Voltage Range                   | 173 – 230 V   | 259 – 346 V        | 346 – 461 V         | 432 – 576 V         | 518 – 691 V         | 605 – 806 V         |
| Max. Charging Current           | 100 A   |                    |                     |                     |                     |                     |
| Max. Discharge Current          | 100 A   |                    |                     |                     |                     |                     |
| <b>Other Parameters</b>         |   |                    |                     |                     |                     |                     |
| Size ( W × D × H )              | 630× 448 × 650 mm   | 630 × 448 × 878 mm | 630 × 448 × 1106 mm | 630 × 448 × 1334 mm | 630 × 448 × 1562 mm | 630 × 448 × 1790 mm |
| Communication Method            | CAN / RS485   |                    |                     |                     |                     |                     |
| Charge Operating Temperature    | -10 to 70 °C  |                    |                     |                     |                     |                     |
| Discharge Operating Temperature | -20 to 70 °C  |                    |                     |                     |                     |                     |
| Humidity                        | 0 – 95% RH (non-condensing)   |                    |                     |                     |                     |                     |
| Altitude                        | ≤3500 m   |                    |                     |                     |                     |                     |
| Installation Method             | Racks & Cabinet   |                    |                     |                     |                     |                     |
| Warranty & Cycle Life           | 10-year warranty; 8,000-cycle design life (conditions apply). (@ 25 ± 2 °C, 0.5C / 0.5C, 80% DoD) |                    |                     |                     |                     |                     |
| Transport                       | UN38.3 (tested) ; UN3480 as applicable  |                    |                     |                     |                     |                     |
| Certificates                    | CE (model-dependent)  |                    |                     |                     |                     |                     |

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