SKE Bharat | Specification sheet

Redon RedONstacK ESS & High Voltage Series

Lithium-ion Batteries | SKU SKE-RDN-003

Floor-standing modular LiFePO4 battery stacks built from 51.2 V / 100 Ah / 5.12 kWh modules, scalable from about 5 kWh to over 80 kWh at 51.2 V and to high-voltage strings up to 614.4 V. Described in an official PDF only; not listed on the website product pages. Also searched as: Redon RedONstacK, stackable LiFePO4 battery, 51.2 V 100 Ah lithium battery, 5.12 kWh lithium battery module, high voltage lithium battery stack, floor standing lithium ESS

Specification

Brand	Redon
Product Type	Lithium-ion Batteries

Typical applications

- Home energy storage
- Solar hybrid systems
- Commercial backup
- Compatible with major UPS and inverters

Key features

- Modular stackable plug-and-play design
- Built-in 125 A / 500 Vdc circuit breaker with emergency-stop contactor
- 100 A continuous discharge
- Automatic module networking and real-time monitoring
- Communication: CAN2.0, RS484 as printed (likely RS485); OTA update with GPS+GSM optional
- Cycle life >=2500 (0.5C/0.5C, 90% DoD, 70% EOL)
- Certification: BIS IS 16046 (Part 2):2018 / IEC 62133-2:2017 (module level)

Models and ratings

Model	Rated DC power	Battery units (as pri	Nominal energy	Usable energy (90% Do
REDONSTACK 51.2V 100A	4.6 kW	16 (8+8) two column	5.12 to 81.9 kWh	4.6 kWh
REDONSTACK 121.6V 100	10.801 kW	4	12.1 kWh	10.89 kWh
REDONSTACK 192V 100A	15.552 kW	5	19.2 kWh	17.28 kWh
REDONSTACK 240V 100A	19.44 kW	6	24 kWh	21.6 kWh
REDONSTACK 384V 100A	31.104 kW	9	38.4 kWh	34.56 kWh
REDONSTACK 614.4V 100	49.734 kW	13 (6+7) two column	61.4 kWh	55.26 kWh

To get a quotation, send us

- Model or the load / capacity you need
- Quantity and delivery location

Request a quotation

skebharat.com/product/redon-redonstack-ess-and-high-voltage-series/

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Summarised from the product page at skebharat.com. Ratings, standards and dimensions are confirmed in your quotation.