

2C NESP Module and Rack System

633-864V and 950-1296V



The Narada NESP Series

The Narada NESP Series LFP High Capacity Lithium Iron Phosphate batteries are designed for a broad range of Battery Energy Storage Solutions (BESS) providing a wide operating temperature range, while delivering exceptional warranty, safety, and life. Whether used in cabinet, container or building applications, NESP Series batteries will meet any energy storage solution need.

Module & Rack Design

FEATURES

- 0.5C to 2.0C options available
- 633VDC to 1292VDC Charge Voltage Options
- Frequency Regulation
- Peak Shifting
- Curtailment/Demand Response
- Reserve Power
- High LFP Energy Density
- Passive & Active Thermal Ventilation
- Designed for Containerized, Cabinet, and Building Solutions

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NESP Module & Rack Specification 633 to 864V

Item	Module	11 Module	13 Module	15 Module
2C	51.2NESP160	5128090	51280106	51280123
Cell Capacity	160Ah	160Ah	160Ah	160Ah
Energy	8.2 kWh	90 kWh	106 kWh	123 kWh
Nominal Volt	51.2 V	563.2 V	665.6 V	768 V
Minimum Volt.	44.8 V	492.8 V	582.4 V	672 V
Maximum Volt.	57.6 V	633.6 V	748.8V	864V
Dimensions	415x600x265mm 16.3x23.6x10.4 in	1000x650x1860 mm 39.4x25.6x73.2 in	1000x650x2130 mm 39.4x25.6x83.9 in	1000x650x2400 mm 39.4x25.6x94.5 in
Weight	74 kg 163 lbs	1150 kg 2535 lbs	1323 kg 2917 lbs	1495 kg 3296 lbs

NESP Module & Rack Specification 950 to 1296V

Item	Module	11 Module	13 Module	15 Module
2C	76.8NESP160	76880135	76880160	76880184
Cell Capacity	160Ah	160Ah	160Ah	160Ah
Energy	12.3 kWh	135 kWh	160 kWh	184 kWh
Nominal Volt	76.8V	844.8V	998.4V	1152V
Minimum Volt.	67.2 V	739.2V	873.6V	1008V
Maximum Volt.	86.4 V	950.4 V.	1123.2V	1296V
Dimensions	4400x884x265mm 15.7x34.8x10.4 in	1000x938x1860 mm 39.4x36.9x73.2 in	1000x938x2130 mm 39.4x36.9x83.9 in	1000x938x2400 39.4x36.9x94.5 in
Weight	111kg 245 lbs	1598 kg 3523 lbs	1859 kg 4098 lbs	2121 kg 4676 lbs

SAFETY CERTIFICATIONS

UL 9540 | UL 9540A | UL 1973 | UL 1642 | IEC 62619 | IEC 61508 | UL 991 | UL 1998 | UL60730-1 | NFPA 70E | NFPA 70 | ANSI/IEEE C-2 | UL 60950 | NFPA 551 | NFPA 550 | IEC 60812 | IEC 61025 | MIL-STD-1629A | UL1778 | UL1598 | UL8750 | UL1012 | UL1995 | UN 38.3 | IEC 62281

PERFORMANCE & GRID INTERCONNECT CERTIFICATIONS

IEC61427-2 2015 | IEC 62620 | PNNL-22010 | UL 1741 (SA) | IEEE 1547 | ANSI/IEC 60529 | NEMA 250 | UL 50E | IEEE 693-2005

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