

Copyright © Narada Power Source Co., Ltd. 2021. All rights reserved.
Ver 1.0-EN Oct-21, Subject to revision without prior notice.

Narada[®]
NARADA POWER SOURCE CO., LTD.

STORED ENERGY 
SOLUTIONS FOR
A DEMANDING WORLD



Narada[®]

Add: Building C, No.822 Wen'er West Road,
Hangzhou, Zhejiang, China. 310030

Tel: (+86-571) 56975980
Fax: (+86-571) 56975955

Email: intl@naradapower.com
Website: en.naradapower.com



PRODUCTS OVERVIEW

- REX Series
- REX-C Series
- EOS Series
- 313K Series
- Acme Series
- ICS Series
- UDS Series
- MP Series
- NDH Series
- NDG Series
- Ares OPzV Series
- OPzS Series
- HRL/HRXL Series
- NPFC Series
- PFGT Series
- IPF Series
- IDC Series



COMPANY PROFILE

Established in 1994, Narada Power Source Co., Ltd. provides products, system integration and services with lithium-ion batteries and lead batteries as the core for the four application fields of data center, smart energy storage, industrial backup and green travel. At the same time, Narada has created two industrial closed loops of "lead battery cycle industrial chain" and "lithium battery cycle industrial chain". The company has carried out sales over 158 countries and regions around the world, and the company's brand "Narada" is famous all worldwide.



Company Culture

Vision

SMART ENERGY
WONDERFUL GREEN LIFE

Value



Honor



TL9000 SA8000 ISO9001 IATF16949 ISO14001 ISO45001

REX Series



Introduction

- AGM battery.
- Capacity coverage: 200-2000Ah.
- Excellent cycle performance.
- High gas recombination efficiency (>99%).
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 20+ years.
- Applications: Telecommunication, Energy storage system, Other backup systems.

Technical characteristics

- Grid with anti-corrosion alloy.
- Excellent deep discharge recovery and fast recharge performance.
- Innovative robust design inside and out to ensure superb safety and reliability.
- Self-regulating pressure relief valve with flame arrester.
- Horizontal installation position for less space, easy installation and maintenance.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)	Dimension (mm)				Weight (kg)
			C10	Length	Width	Height	
REX-200	2	200	227.0	96.0	291.0	303.0	17.0
REX-300	2	300	227.0	133.0	291.0	303.0	24.0
REX-400	2	400	227.0	170.0	291.0	303.0	31.0
REX-500	2	500	231.0	155.0	306.0	406.0	39.0
REX-600	2	600	231.0	180.0	306.0	406.0	46.0
REX-800	2	800	231.0	231.0	306.0	406.0	61.0
REX-1000	2	1000	231.0	182.0	306.0	406.0	76.0
REX-1200	2	1200	232.0	264.0	502.0	514.0	89.0
REX-1500	2	1500	232.0	322.0	502.0	514.0	110.0
REX-2000	2	2000	232.0	456.0	500.0	514.0	155.0

REX-C Series



Introduction

- AGM battery.
- Capacity coverage: 200-2000Ah.
- Excellent cycle performance.
- High gas recombination efficiency (>99%).
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 20+ years.
- Applications: Telecommunication, Energy storage system, Other backup systems.

Technical characteristics

- Outstanding PSOC cycle performance.
- Lead carbon technology battery.
- Combine the advantage of lead acid battery and super capacitor.
- Grid with anti-corrosion alloy.
- Excellent deep discharge recovery and fast recharge performance.
- Innovative robust design inside and out to ensure superb safety and reliability.
- Self-regulating pressure relief valve with flame arrester.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)	Dimension (mm)				Weight (kg)
			C10	Length	Width	Height	
REX-C-200	2	200	227.0	96.0	291.0	303.0	17.0
REX-C-300	2	300	227.0	133.0	291.0	303.0	24.0
REX-C-400	2	400	227.0	170.0	291.0	303.0	31.0
REX-C-500	2	500	231.0	155.0	306.0	406.0	39.0
REX-C-600	2	600	231.0	180.0	306.0	406.0	46.0
REX-C-800	2	800	231.0	231.0	306.0	406.0	61.0
REX-C-1000	2	1000	231.0	182.0	306.0	406.0	76.0
REX-C-1200	2	1200	232.0	264.0	502.0	514.0	89.0
REX-C-1500	2	1500	232.0	322.0	502.0	514.0	110.0
REX-C-2000	2	2000	232.0	456.0	500.0	514.0	155.0

EOS Series



Introduction

- AGM battery.
- Capacity coverage: 200-2000Ah.
- Soft and hard connector with complete insulation and maintenance access hole.
- Multiple installation methods.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 15+ years.
- Applications: Telecommunication, UPS system, Utility system, Navigation aid signaling system, Emergency light system.

Technical characteristics

- CCPP (Continue Casting Punch Plates) technology.
- High gas recombination efficiency (>99%).
- Self-regulating pressure relief valve with flame arrester.
- Patented sealing technology.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah) C10	Dimension (mm)			Overall Height	Weight (kg)
			Length	Width	Height		
Eos-200	2	200	194.5	184.5	360.5	370.0	12.8
Eos-300	2	300	133.0	184.5	360.5	370.0	17.5
Eos-400	2	400	166.0	184.5	360.5	370.0	23.0
Eos-500	2	500	194.5	184.5	360.5	370.0	28.0
Eos-600	2	600	221.0	184.5	360.5	370.0	33.0
Eos-800	2	800	156.0	229.0	360.5	368.0	50.0
Eos-1000	2	1000	180.0	229.0	500.0	500.0	61.0
Eos-1200	2	1200	220.0	229.0	530.0	530.0	72.0
Eos-1500	2	1500	285.5	229.0	530.0	565.0	88.0
Eos-2000	2	2000	349.0	254.0	557.0	568.0	118.0

313K Series



Introduction

- AGM battery.
- Capacity coverage: 100-2000Ah.
- Optimized active material for high temperature conditions.
- Extra high cycling and fast charge performance.
- Wide operating temperature range: -40°C to +65°C.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 35°C (95°F): 15+years (2V), 10+years (12V).
- Applications: Telecommunication, Energy storage system, Other backup systems.

Technical characteristics

- High gas recombination efficiency (>99%).
- Centralized H₂ gas vent kit.
- Low self-discharge rate.
- Special valve design prevents acid loss.
- Suitable for continuous operation at temperatures in excess of 35°C.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah) C10	Dimension (mm)			Overall Height	Weight (kg)
			Length	Width	Height		
HTB-200F	2	200	194.5	138.0	360.5	370.0	17.0
HTB-300F	2	300	185.0	130.0	366.5	370.0	22.0
HTB-400F	2	400	184.5	196.0	360.5	370.0	27.0
HTB-500F	2	500	194.5	194.5	360.5	370.0	32.0
HTB-600F	2	600	220.0	184.5	360.5	370.0	37.0
HTB-800F	2	800	188.0	219.5	361.5	371.0	52.5
HTB-1000F	2	1000	188.0	277.5	361.5	371.0	65.5
HTB-1200F	2	1200	264.0	232.0	509.0	514.0	86.0
HTB-1500F	2	1500	332.0	222.0	509.0	514.0	106.0
HTB-2000F	2	2000	332.0	408.0	509.0	514.0	150.0
12HTB100	12	100	300.0	108.0	232.0	287.0	36.0
12HTB150	12	150	548.0	125.0	310.0	316.0	55.5
12HTB170	12	170	648.0	125.0	310.0	316.0	60.5
12HTB180F	12	180	355.0	108.0	275.0	287.0	30.0
12HTB190F	12	190	550.0	125.0	270.0	283.0	47.0
12HTB170F	12	170	550.0	125.0	270.0	283.0	50.0
12HTB190F	12	190	550.0	125.0	303.0	316.0	57.5
12HTB200F	12	200	558.0	125.0	303.0	316.0	58.0
12HTB150FT	12	150	550.0	110.0	283.0	287.0	44.0

Acme Series



Introduction

- AGM battery.
- Capacity coverage: 100-200Ah.
- Front terminal design suited for standard 19"/21" cabinet.
- Convenient installation and maintenance.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 12+ years.
- Applications: Telecommunication, UPS system.

Technical characteristics

- The corrosion resistance of punching plate grid has been improved obviously.
- Centralized exhaust setting, high safety.
- Suitable for 48V communication system.
- CCPP (Continue Casting Punch Plates) technology.
- Centralized H₂ gas vent lit.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah) C10	Dimension (mm)				Weight (kg)
			Length	Width	Height	Overall Height	
12NDT100S	12	100	385.0	158.0	274.0	287.0	30.0
12NDT150S	12	150	530.0	158.0	272.0	285.0	47.0
12NDT170S	12	170	590.0	125.0	272.0	283.0	50.0
12NDT190S	12	190	638.0	125.0	306.0	318.0	57.5
12NDT200S	12	200	556.0	125.0	305.0	316.0	58.0
12NDT150FT	12	150	590.0	110.0	274.0	287.0	44.0

ICS Series



Introduction

- AGM battery.
- Capacity coverage: 100-170Ah.
- Suitable for 19" or 23" and ETSI power racks/cabinets with front terminal.
- Folded handles for easy installation and removal from shelves.
- Patented battery structure with all cells horizontal.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 12+ years.
- Applications: Telecommunication, Energy storage system, Other backup systems.

Technical characteristics

- Self-regulating pressure relief valve with flame arrester.
- Centralized H₂ gas vent kit.
- Extra high cycling and fast charge performance.
- Excellent deep discharge recovery capability.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah) C10	Dimension (mm)				Weight (kg)
			Length	Width	Height	Overall Height	
12ICS100	12	100	390.0	138.0	287.0	287.0	25.0
12ICS150	12	150	545.0	135.0	310.0	310.0	55.5
12ICS170	12	170	645.0	125.0	310.0	310.0	60.5

UDS Series



Introduction

- AGM battery.
- Capacity coverage: 100-200Ah.
- Front terminal design suited for standard 19"/21" cabinet.
- Convenient installation and maintenance.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 16 years.
- Applications: Telecommunication, UPS system.

Technical characteristics

- TPPL (Thin Plates Pure Lead) technology.
- CCPP (Continue Casting Punch Plates) technology.
- Anti-corrosion alloy grid.
- Reliable sealing technology, avoid leaking acid to erode the equipment.
- Centralized H₂ gas vent lit.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)	Dimension (mm)				Weight (kg)
			C10	Length	Width	Height	
12UDR100	12	100	385.0	158.0	274.0	267.0	30.0
12UDR150	12	150	530.0	158.0	272.0	263.0	47.0
12UDR170	12	170	590.0	155.0	272.0	263.0	50.0
12UDR180	12	180	338.0	155.0	306.0	318.0	57.5
12UDR200	12	200	556.0	155.0	305.0	316.0	58.0
12UDR15FT	12	150	590.0	110.0	287.0	287.0	44.0

MP Series



Introduction

- AGM battery.
- Capacity coverage: 65-200Ah.
- Premium design for higher reliability.
- Suitable for long-time backup power.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 12+ years.
- Applications: Telecommunication, UPS system, Lighting system.

Technical characteristics

- Patented terminal sealing and front access.
- Appropriate assemble pressure technology to have full reactions.
- Strong handles for easy operation.
- The thick container to avoid battery swollen.
- Rich experiences with mature technical skills.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)	Dimension (mm)				Weight (kg)
			C10	Length	Width	Height	
6-GFM-60M	12	65	350.0	186.5	180.5	162.0	22.0
6-GFM-100M	12	100	331.2	175.5	215.5	215.1	31.0
6-GFM-120M	12	120	378.5	172.0	221.0	224.5	35.0
6-GFM-160M	12	160	484.0	170.0	226.0	228.0	45.5
6-GFM-200MC	12	200	522.0	239.5	218.0	220.0	61.5

NDH Series



Introduction

- AGM battery.
- Power coverage: 360-800W.
- Excellent high power performance.
- Global advanced AGM separator to avoid puncture.
- Design life at 25°C (77°F): 15+ years.
- Applications: Telecommunication, Data center, UPS system.

Technical characteristics

- Strict technical tests to conduct full power inspections.
- Double barrier terminal seals.
- Through-the-wall welding technology.
- Tin alloys for anti-corrosion.
- Jar formation for even capacities.

General Specification

Type	Nominal Voltage (V)	15 Rated Power (W)(87V)	Dimension (mm)			Weight (kg)
			Length	Width	Overall Height	
12NDH360	12	360	380.0	158.0	278.5	30.5
12NDH400	12	400	390.0	158.0	315.5	35.5
12NDH500	12	500	390.0	195.0	248.5	44.2
12NDH600	12	600	390.0	225.0	282.5	52.0
12NDH700	12	700	390.0	235.0	323.0	61.5
12NDH800	12	800	390.0	240.5	323.0	68.5

NDG Series



Introduction

- Gel battery.
- Capacity coverage: 60-230Ah.
- Low self-discharge rate.
- Design life at 25°C (77°F): 12+ years.
- Applications: Telecommunication, Metro system, UPS system.

Technical characteristics

- Adopting gel battery technology for long time backup power.
- Excellent deep cycle performance.
- Gas recombination efficiency (>99%).
- Advanced phenolic resin separator.
- Mechanical capacity to resist high temperature.
- Adopting advanced gas phase SiO₂.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah) C20	Dimension (mm)				Weight (kg)
			Length	Width	Height	Overall Height	
12NDG60	12	60	271.0	172.0	238.0	21.3	
12NDG70	12	70	271.0	172.0	238.0	24.5	
12NDG100	12	100	408.5	173.0	222.0	34.0	
12NDG110	12	115	408.5	173.0	222.0	36.0	
12NDG135	12	135	525.0	198.5	227.0	47.6	
12NDG155	12	155	525.0	198.5	227.0	51.0	
12NDG170	12	170	525.0	198.5	227.0	55.0	
12NDG200	12	200	527.0	258.5	227.0	85.0	
12NDG230	12	230	527.0	250.5	227.0	73.5	

Ares (OPzV) Series



Introduction

- Gel battery.
- Capacity coverage: 200-3000Ah.
- Excellent deep cycle performance.
- Reducing the leakage risk.
- Comply with IEC, IEEE, UL, EN, CE, DIN standards, etc.
- Design life at 25°C (77°F): 18+ years.
- Applications: Telecommunication, UPS system, Utility system, Emergency light system.

Technical characteristics

- Tubular gel technology battery.
- Positive tubular plate.
- Adopting advanced gas phase SiO₂.
- Special valve design.
- Adopting PVC-SiO₂ separator.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)		Dimension (mm)				Weight (kg)
		C10	C20	Length	Width	Height	Overall Height	
4OPzV0300	2	300	150	103.0	208.0	356.0	399.0	18.0
6OPzV0500	2	500	250	145.0	208.0	356.0	399.0	20.0
8OPzV0700	2	700	350	145.0	208.0	473.0	505.0	21.0
10OPzV1000	2	1000	500	145.0	208.0	473.0	505.0	22.0
12OPzV1200	2	1200	600	145.0	208.0	646.0	678.0	23.0
15OPzV1500	2	1500	750	197.0	210.0	646.0	678.0	24.0
18OPzV1800	2	1800	900	233.0	210.0	646.0	678.0	25.0
20OPzV2000	2	2000	1000	275.0	210.0	646.0	678.0	26.0
24OPzV2400	2	2400	1200	275.0	210.0	795.0	827.0	27.0
30OPzV3000	2	3000	1500	399.0	212.0	770.0	802.0	28.0
40OPzV4000	2	4000	2000	487.0	212.0	770.0	802.0	29.0

OPzS Series



Introduction

- AGM battery.
- Capacity coverage: 200-3000Ah.
- Super long cycle performance.
- Easy installation and maintenance.
- Comply with IEC, IEEE, UL, EN, CE, DIN standards, etc.
- Design life at 25°C (77°F): 20+ years.
- Applications: Telecommunication, UPS system, Utility system, Emergency light system.

Technical characteristics

- Tubular flooded technology.
- Transparent battery shell for easy monitoring.
- Special filter unit for acid fog proof.
- Improved heat dissipation capability.

General Specification

Type	Nominal Voltage (V)	Rated Capacity (Ah)		Dimension (mm)				Weight (kg)
		C10	C20	Length	Width	Height	Overall Height	
4OPzS0300	2	300	150	134.0	296.0	350.0	410.0	17.0
6OPzS0500	2	500	250	134.0	296.0	350.0	410.0	18.0
8OPzS0700	2	700	350	134.0	296.0	350.0	410.0	19.0
10OPzS1000	2	1000	500	134.0	296.0	471.0	526.0	20.0
12OPzS1200	2	1200	600	134.0	296.0	471.0	526.0	21.0
15OPzS1500	2	1500	750	134.0	296.0	471.0	526.0	22.0
18OPzS1800	2	1800	900	134.0	296.0	646.0	701.0	23.0
20OPzS2000	2	2000	1000	134.0	296.0	646.0	701.0	24.0
24OPzS2400	2	2400	1200	134.0	296.0	646.0	701.0	25.0
30OPzS3000	2	3000	1500	134.0	296.0	773.0	826.0	26.0
40OPzS4000	2	4000	2000	134.0	296.0	773.0	826.0	27.0

HRL/HRXL Series



Introduction

- AGM battery.
- Power coverage: 300-2700W.
- Premium design for high reliability and safety.
- Both top and front terminals are available.
- Design life at 25°C (77°F): 10+ years (12V); 12+ years (2V).
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Applications: Telecommunication, Data center, UPS system.

Technical characteristics

- Extreme high rate discharge.
- Plate after tank formation process.
- Excellent discharging uniformity for battery in series.
- Special grid alloy to prolong service life.
- Patented sealing technology to avoid leakage.

General Specification

Type	Nominal Voltage (V)	15 Rated Power (W/1.87V)	Dimension (mm)				Weight (kg)
			Length	Width	Height	Overall Height	
HRL750	2	750	183.0	151.0	360.0	370.0	15.1
HRL850	2	800	184.5	159.0	360.0	372.0	16.5
HRL1000	2	1000	184.5	159.0	360.0	370.0	19.7
HRL1100	2	1100	185.5	131.0	360.0	370.0	21.5
HRL1200	2	1200	184.5	144.5	360.0	370.0	23.7
HRL1300	2	1300	184.5	166.0	360.0	370.0	26.4
HRL1350	2	1500	184.5	176.5	360.0	370.0	30.2
HRL1750	2	1750	184.5	223.0	360.0	370.0	33.7
HRL2000	2	2000	184.5	223.0	360.0	370.0	37.9
HRL2500	2	2500	186.0	279.5	360.0	372.0	47.6
HRL2700	2	2700	190.0	336.5	360.0	372.0	56.4
12HRL300	12	300	261.0	173.0	206.0	206.0	24.8
12HRL400	12	400	341.0	173.0	215.0	215.0	34.0
12HRL550	12	550	341.0	173.0	278.0	278.0	45.0
12HRL600	12	600	550.0	125.0	283.0	283.0	52.0
12HRL800	12	800	380.0	135.0	293.0	293.0	55.0
12HRL700	12	700	508.0	135.0	316.0	316.0	60.0
12HRL845	12	845	522.0	339.5	222.0	222.5	68.0
12HRXL400	12	400	341.0	173.0	215.0	215.0	34.0
12HRXL550	12	550	341.0	173.0	278.0	278.0	45.0
12HRXL700	12	700	508.0	125.0	316.0	316.0	60.0

NPFC Series



Introduction

- LiFePO₄ (Lithium iron phosphate) battery.
- Capacity coverage: 48V/10-200Ah, matching different backup scenarios.
- Deep cycle, long life, excellent discharge rate performance, high energy density.
- Intelligent battery management system ensures the safe operation of batteries.
- Comply with UN38.3, UL1973, IEC62620, IEC62133, CE etc.
- Design life at 25°C (77°F) : 15 years.
- Applications: Telecommunication, UPS system, Power system and Small energy storage system.

Technical characteristics

- Modular design, small size light weight, and easy installation.
- Wide adaptation, good compatibility with a variety of mainstream brand equipment.
- Anti-theft function: configured software anti-theft and physical anti-theft.
- Customized GPS/GPRS module, global positioning, online monitoring of battery operation.
- Communication mode: CAN, RS485, TCP/IP and other communication interfaces to match customized protocols.

General Specification

Type	Dimension (mm)			Battery Output Terminal	Weight (kg)
	Width (No ear)	Height	Depth		
48NPFC10	442.0	44.0	243.0	M4	6.4
48NPFC20	442.0	66.0	243.0	M4	10.8
48NPFC30	442.5	132.5	390.0	M5	26.5
48NPFC60 (SU)	442.5	132.5	480.0	M6	37.5
48NPFC100 (SU 11F)	442.5	222.0	480.0	M6	44.0
48NPFC150 (SU 11F)	442.5	333.0	480.0	M6	59.0
48NPFC150 (SU 11F)	442.5	222.0	480.0	M6	70.0
48NPFC180 (SU 11F)	442.5	222.0	480.0	M6	70.0
48NPFC200 (SU 11F)	442.5	222.0	480.0	M6	76.0

PFGT Series



Introduction

- LiFePO₄ (Lithium iron phosphate) battery.
- IP65 protection level, outdoor lighting protection design meeting outdoor wall mounted and pole mounted requests.
- Outstanding adaptability achieving great compatibility with mainstream 5G equipment.
- Comply with UN38.3, UL1973, IEC62620, IEC62133, CE etc.
- Design life at 25 °C (77°F) : 12 years.
- Applications: 5G micro-station, Light pole station, and Light tower.

Technical characteristics

- Flexible configuration: adopting automatic addressing technology and supporting multi-module parallel expansion.
- High-power characteristics: supporting 1-2C discharge to meet different power requirements.
- Wide operating temperature range: -30-55°C, with heating function in low temperature environment.
- Anti-theft function: configurable gyroscope anti-theft, software anti-theft or physical anti-theft.
- Intelligent features: configurable GPS, Bluetooth, WIFI to support remote monitoring and upgrading.
- Communication mode: CAN, RS485, TCP/IP and other communication interfaces to match customized protocols.

General Specification

Type	Rated Capacity (Ah)	Dimension (mm)			Weight (kg)
		Width (No ear)	Height	Depth	
PFGT20	20	310.0	185.0	378.4	18.5
PFGT30	33	445.0	120.0	439.7	23.5
PFGT40	40	298.5	210.0	378.0	38.5
PFGT50	50	310.0	373.0	448.0	34.0

IPF Series



Introduction

- LiFePO₄ (Lithium iron phosphate) battery.
- Intelligent lithium iron phosphate battery module realizes an independent adjustment of charging voltage, constant current charging, constant voltage discharge and other working modes.
- Product could be mixed with lead-acid batteries, old batteries and different brands of lithium batteries.
- Design life at 25°C (77°F) : 12 years.
- Applications: 5G macro station, 3G/4G base station, Data center, Small UPS and Peak shaving application, etc.

Technical characteristics

- Parallel power expansion: Maximum power (P) of N*IPFs connected in parallel can reach 48 kW.
- Intelligent software anti-theft reducing the risk of site battery theft.
- Hybrid use: IPF can be connected in parallel with old lithium batteries or lead-acid batteries.
- Maintenance-free: saving the battery operation and maintenance costs and reducing the frequency of site visits.
- Communication Interface: CAN and RS485.
- Wide operating voltage range: 36-60Vdc.
- Operating modes: Self-managed constant voltage discharge mode, Set constant voltage discharge mode, and Battery characteristic discharge mode.

General Specification

Type	Dimension (mm)			Battery Output Terminal	Weight (kg)
	Width (No ear)	Height	Depth		
IP48100	440.0	131.0	401.0	M5	40.0

IDC Series



Introduction

- LiFePO₄ (Lithium iron phosphate) battery.
- Adopting lithium iron phosphate battery with high rate and high thermal stability.
- Three-level BMS management structure from module, single cabinet to system ensures the stability and reliability of the system.
- Intelligent monitoring system can realize real-time storage of collected data, fault and alarm processing.
- Comply with UL 9540A, UL1642, UL1973, UN38.3 etc.
- Design life at 25°C (77°F) : 15 years.
- Applications: Data center, Scientific research institution, Hospital, Rail transit, etc.,



Technical characteristics

- Single cluster power 180kW up to supporting 10 clusters of parallel expansion power 1600kW.
- Matching two-wire and three-wire UPS systems.
- Wide operating voltage range: 240-691V matching high and low voltage UPS system.
- DC-DC dual redundant power supply mode reducing the risk of AC power failure and battery system energy consumption.
- Short-circuit protection redundancy with high-voltage fuses and circuit-breakers.
- Intelligent operation and maintenance management, friendly human machine interface (HMI).
- Equipped with cabinet-level fire-fighting system linking to the control platform.



General Specification

Type	Maximum Power		Dimension (mm)			Weight (kg)
	(KW)	Width (No ear)	Height	Depth		
512NE3P53	180	497.3	2000.8	715.0		530.0

Narada[®]
NARADA POWER SOURCE CO.,LTD.

