DUNEXT

Innovate for a Green Future

2026

CONTENTS

2

3

Product

Partner

INNOVATE
FOR A GREEN FUTURE

ABOUT DUNEXT

Dunext is a leading provider of one-stop C&I and utility-scale energy storage solutions. With strong capabilities across R&D, manufacturing, and sales, we are driven by technological innovation and committed to delivering intelligent, efficient, safe, and reliable solutions and products to customers worldwide.

Our advanced production facilities include PACK assembly and BESS integration lines with an annual capacity of 10 GWh for PACK production and 5 GWh for system integration. To date, we have delivered over 3 GWh of energy storage systems globally, supporting more than 100 clients with comprehensive solutions and services.

Guided by a global strategy, Dunext has established five overseas subsidiaries and offices, empowering businesses around the world to accelerate their energy transition and build a sustainable, green future together.

BUSINESS DEVELOPMENT LAYOUT

HQ
Suzhou, China

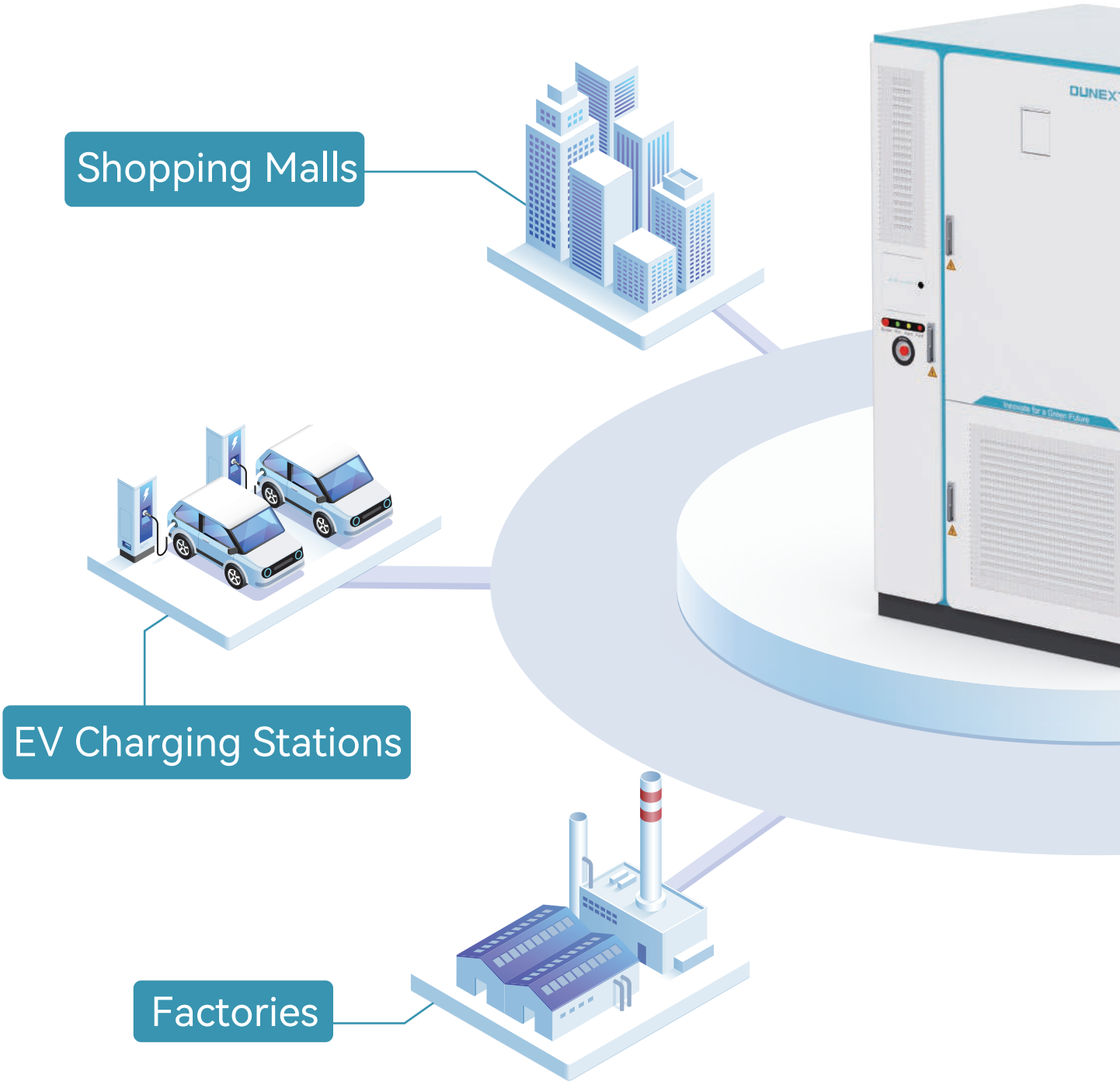
EMEA
UK / Netherlands
Germany / Poland
Romania / Austria

Asia
Singapore
Pakistan

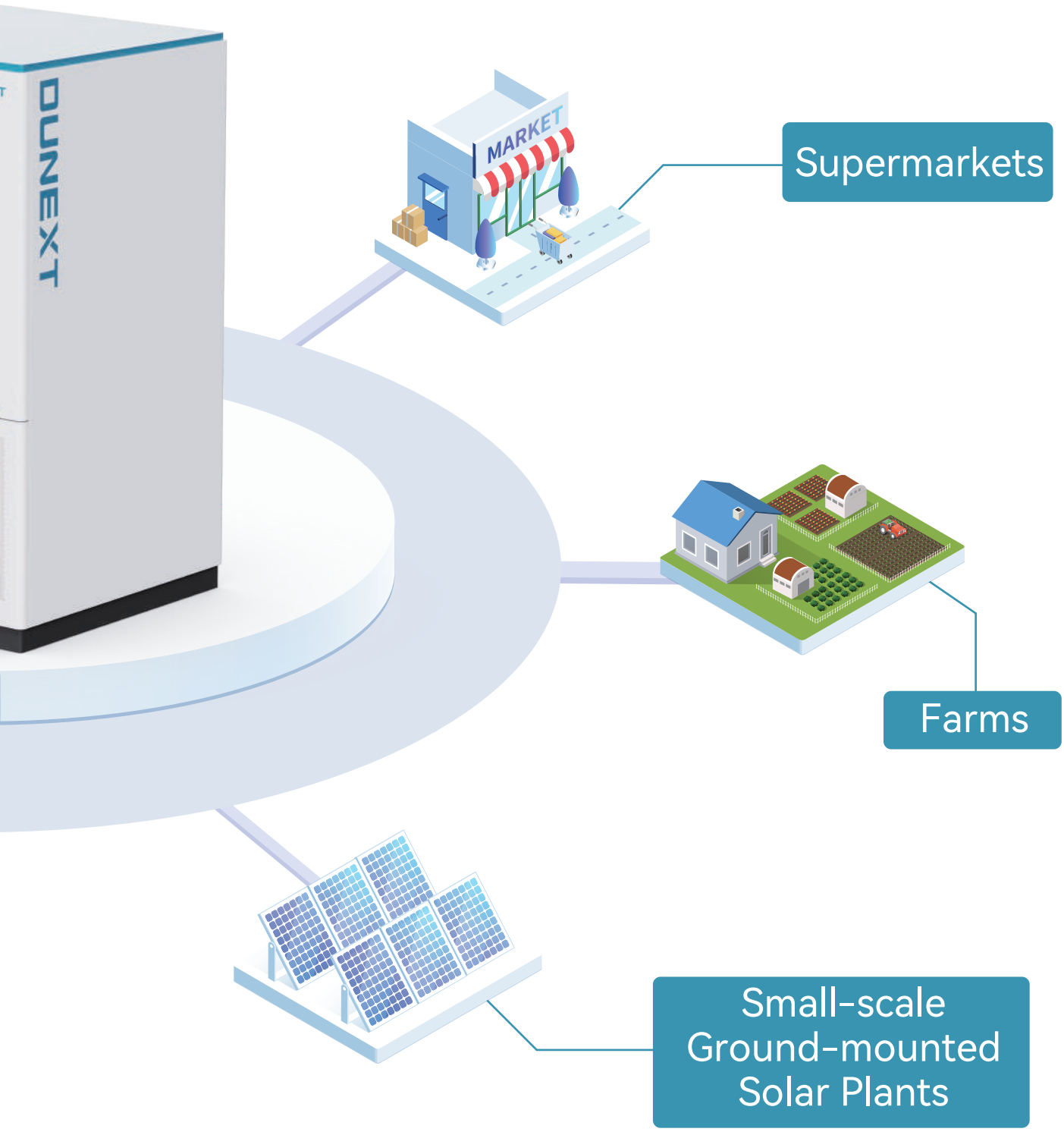
Africa
Nigeria

America
USA (TBE)
Brazil (TBE)

PowerHill Empowers 6



Critical C&I Scenarios



PRODUCT CATALOG

Dunext Solution

ESS

Integrated Outdoor Battery Energy Storage Cabinet

Outdoor Hybrid ESS

Indoor Rack-Mounted ESS

Containerized Battery Energy Storage System

Hybrid Inverter

Three Phase Hybrid Inverter

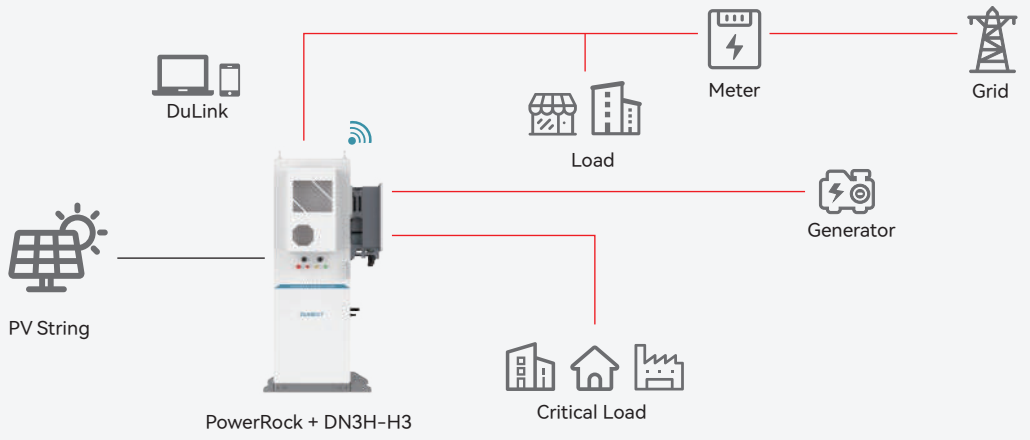
Dunext Solution

Commercial & Industrial Hybrid Solution

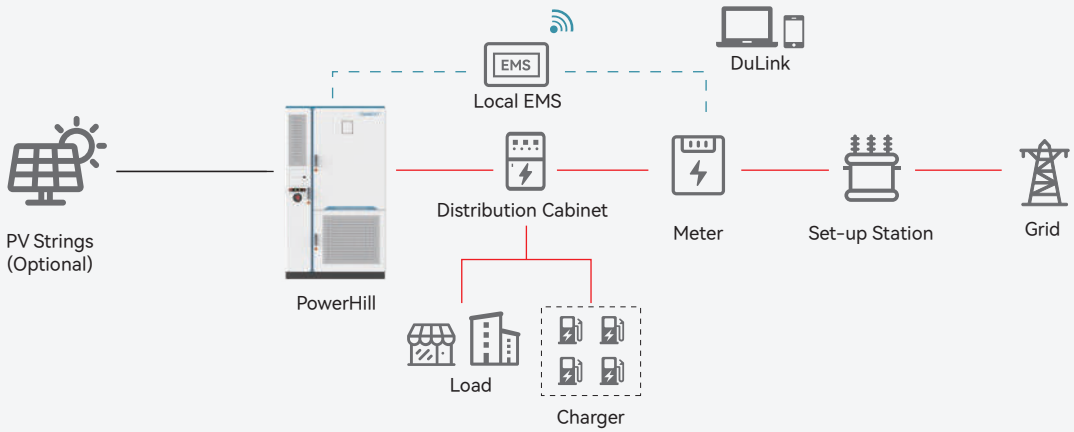
Commercial & Industrial PV+ESS Solution

Utility Scale ESS Solution

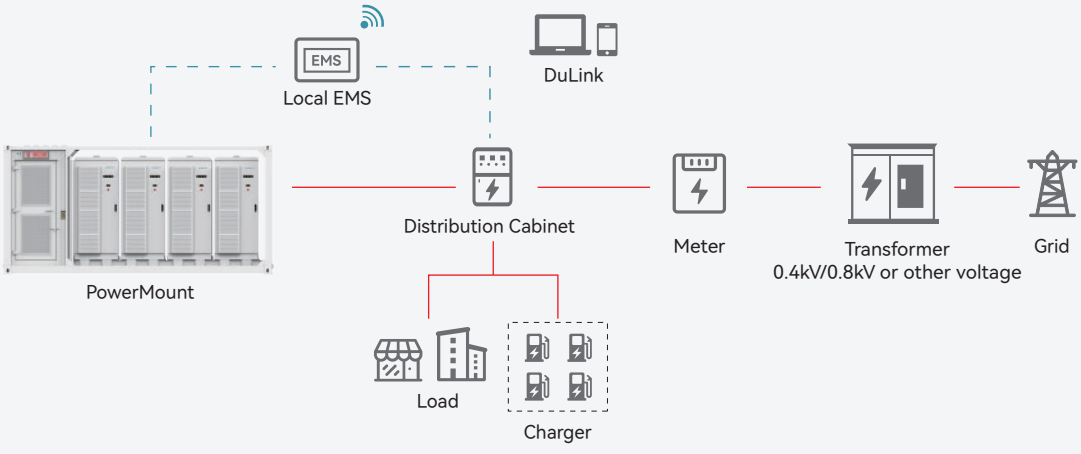
Commercial & Industrial Hybrid Solution



Commercial & Industrial PV + ESS Solution



Utility Scale ESS Solution



DC AC Communication

PowerHill (233kWh) -Liquid Cooling

Integrated Outdoor Battery Energy Storage Cabinet

- Six-layer safety design
- Supports AC coupling and DC coupling
- Efficient liquid cooling, cell temperature difference < 2.5°C
- Constant power output from 0-100% SOC
- No need to replace liquid coolant for 10 years
- Local EMS & Smart O&M cloud platform

Integrated Outdoor Battery Energy Storage Cabinet

PowerHill (233kWh)-Liquid Cooling

Model	PowerHill-P105-233kWh	PowerHill-P105M120-233kWh
Battery		
Cell Type	LiFePO4-280Ah	
Pack Configuration	(1P52S) 5S	
Battery Capacity [kWh]	233	
AC Output		
Connection Type	3P4W	
Rated Charging / Discharging Power [kW]	105	
Rated Grid Voltage [V]	220 / 380; 230 / 400	
Frequency [Hz]	50 / 60	
Max. AC Output Current [A]	167	
Adjustable Power Factor Range	-1 ~ 1	
Output THDi [@Rated Output]	≤ 3%	
Backup Output (Off-Grid)		
Connection Type	3P4W	
Rated Output Power [kW]	105	
Rated Output Voltage [V]	220 / 380; 230 / 400	
Output Frequency [Hz]	50	
Max. Current [A]	167	
THDu [@Rated Output]	≤ 3%	
General Parameters		
Dimensions [W * H * D] [mm]	1390 * 2380 * 1350	1390 * 2380 * 1350
Weight [kg]	2810	2880
Degree of Protection	IP54 (IP66 for Battery Compartment)	
Cooling	Liquid Cooling	
Fire Suppression System	Smoke Sensor, Temperature Sensor, Air Inlet / Exhaust, Aerosol, Top-Mounted Deflagration Panel (Optional)	
Relative Humidity	0 ~ 95% (Non - Condensing)	
Operating Temperature [℃]	-25 ~ 55 (>45 Derated)	
Altitude [m]	2000	
Communication Interface	Ethernet, Optical Fiber (Optional)	
Communication Protocol	Modbus TCP, IEC 104, MQTT	
PV Side Parameters (Optional)		
Max. MPPT Power [kW]	/	60 * 2
PV Input Voltage Range [V]	/	300 - 670
Number of MPPTs	/	1 / 1
Number of PV Inputs	/	1 / 1
Max. Input Current [A]	/	200 / 200
Certifications & Standards		
System	UN38.3, IEC 62619, IEC 63056, EN 61000, IEC 60730, IEC / EN 62109, IEC / EN 62477-1	
Converter	G99, G100, VDE 4105, VDE 4110, EN50549, NC RFG TypeA TypeB	

PowerHill (143kWh-215kWh) -Air Cooling

Integrated Outdoor Battery Energy Storage Cabinet

- Plug-and-play, all-in-one design
- Support solar, generator, wind turbine accessing
- Up to 100% unbalanced loads operation
- Multi grid auxiliary service application
- Five-layer safety design
- Higher availability with modular design & O&M cloud platform

Integrated Outdoor Battery Energy Storage Cabinet

PowerHill (143kWh-215kWh)-Air Cooling

Model	PowerHill P30-143kWh	PowerHill P30-179kWh	PowerHill P50-215kWh	PowerHill P60-143kWh	PowerHill P60-161kWh	PowerHill P60-179kWh	PowerHill P60-215kWh	PowerHill P100-215kWh
Battery								
Cell Type	LiFePO4-280Ah							
Pack Configuration	1P20S							
Battery Capacity [kWh]	143.36	179.2	215.04	143.36	161.2	179.2	215.04	215.04
AC Output								
Connection Type	3P4W							
Charging / Discharging Power [kW]	30		50	60				100
Rated Grid Voltage [V]	220 / 380; 230 / 400							
Frequency [Hz]	50 / 60							
Rated AC Output Current [A]	43		72	86				144
Adjustable Power Factor Range	0.8 Leading ... 0.8 Lagging							
Output THDi [@Rated Output]	≤ 3%							
Backup Output (Off-Grid)								
Connection Type	3P4W							
Rated Output Power [kW]	30		50	60				100
Rated Output Voltage [V]	220 / 380; 230 / 400							
Output Frequency [Hz]	50 / 60							
Rated Current [A]	43		72	86				144
Frequency Accuracy [Hz]	0.2							
General Parameters								
Dimensions [W * H * D] [mm]	1686 * 2093 * 1354							
Weight [kg]	2500							
Display	HMI							
Degree of Protection	IP55 (Battery Cabinet), IP54 (Electrical Cabinet)							
Cooling	Battery Cabinet (Air Conditioner)							
Fire Suppression System	Combustible Gas Detection + Novec1230 + Water Fire Protection							
Anti-Corrosion Grade	C3							
Relative Humidity	0 ~ 95% (Non - Condensing)							
Operating Temperature [℃][1]	-30 ~ 50							
Altitude [m][2]	< 2000							
Noise Level [dB]	≤ 75							
Communication Interface	RS485, Ethernet							
Communication Protocoll	Modbus RTU, Modbus TCP / IP							
PV Side Parameters (Optional)								
Max. PV Input Power [kW]	30		60					60 / 120
Max. PV Input Voltage Range [V]	200 ~ 750		200 ~ 650	200 ~ 750			200 ~ 650	
Number of MPPTs	1		1					1 / 2
Number of PV Inputs	1		1					1 / 2
Max. Input Current [A]	100		200					200 / 400
Certifications & Standards								
System	CE (IEC 61000, IEC 62477), IEC 62109, IEC 62619, UN 3480, CEI 0-21, CEI 0-16, VDE 2510							
Converter	G99, G100, VDE 4105, EN50549, CE (IEC 61000, IEC 62477), IEC 62109, NC RfG, VDE 4110							
PACK	UN 38.3							
Cell	IEC 62619, UL 1973, UL 1642, UL 9540A							

[1] The system will be derated when the ambient temperature exceeds 45℃.

[2] The system will be derated when the altitude is above 2000m.

OUTDOOR HYBRID ESS

PowerRock + DN3H-H3

- 150A high charge/discharge current
- Supports DC coupling
- Comprehensive multi-layer safety
- Wall-mounted all-in-one design
- Intelligent remote O&M
- Smart loads management

Outdoor Hybrid ESS

PowerRock + DN3H-H3

Model	PowerRock-100kWh + DN3H-25K-H3	PowerRock-86kWh + DN3H-40K - H3	PowerRock-100kWh + DN3H-50K-H3
PV Input			
Max. Recommended PV Power [Wp]	50000	80000	100000
Max. PV Input Voltage [V]	1000		
Start-Up Voltage [V]	135		
Rated PV Input Voltage [V]	620		
Operating Voltage Range [V]	200-950		
No. of MPP Trackers	4		
No. of Input Strings per Tracker	2		
Max. Input Circuit per MPPT [A]	40		
Max. Short-Circuit Current per MPPT [A]	50		
AC Input / Output (On-Grid)			
Rated Output Power [W]	25000	40000	50000
Max. Output Current [A]	37.9	60.6	75.8
Rated AC Voltage [V]	3L / N / PE, 220 / 380; 230 / 400; 240 / 415		
Rated Frequency [Hz]	50 / 60		
Adjustable Power Factor [cos ϕ]	0.8 Leading ... 0.8 Lagging		
THDi [@Rated Power]	< 3%		
Max. Input Power from Grid [W]	50000	80000	80000
Max. Input Current [A]	75.8	121.2	121.2
AC Output (Off-Grid)			
Rated Output Power [W]	25000	40000	50000
Max. Output Current [A]	37.9	60.6	75.8
Rated AC Voltage [V]	3L / N / PE, 220 / 380; 230 / 400; 240 / 415		
Rated Frequency [Hz]	50 / 60		
Peak Output Apparent Power [VA]	1.5 Times of Rated Output Power,10s		
Automatic Switch Time [ms]	< 10		
Voltage Harmonic Distortion	< 3% @Linear load		
Battery			
Cell Type [Ah]	LiFePO4-280		
Pack Configuration	(1P16S) 7S	(1P16S) 6S	(1P16S) 7S
Battery Capacity [kWh]	100	86	100
Rated Battery Voltage [V]	358.4	307.2	358.4
Battery Voltage Range [V]	324.8~403.2	278.4~345.6	324.8~403.2
Max. Charging / Discharging Current [A]	150		
Max. Charging Power [W]	25000	40000	50000
Max. Discharging Power [W]	25000	40000	50000
General Parameters			
Dimension [W*H*D] [mm] [1]	1061 * 2358 * 1224		
Weight [kg] [1]	1389 ± 100	1289 ± 100	1389 ± 100
Operating Temperature [℃]	-20 ~ 50 (> 45℃ Derating)		
Relative Humidity	0 ~ 95% RH (Non-Condensing)		
Altitude [m]	3000 (> 2000m Derating)		
Cooling	Inverter (Fan); Battery Cabinet (Air Conditioner)		
Degree of Protection	Inverter: IP66; Battery Cabinet: IP55		
Fire Suppression System	Aerosol		
Topology	Transformerless		
Certificates			
Certifications	IEC 62619, IEC 63056, IEC 61000, IEC62477-1, UN 38.3, IEC 62109 EN 50549, G99, G100, NC RFG Type A ,TOR Type A		

[1] Dimensions and weight measured with inverter included.

INDOOR RACK-MOUNTED ESS

PowerRack Series

- Wide voltage range
- High safety LFP & smart BMS
- Expandable, capacity up to 76.8kWh per cluster
- Modular design, easy installation
- High system efficiency
- Adaptive for various commercial scenarios

Indoor Rack-Mounted ESS

PowerRack 0.5C Series

Model	PowerPack-5.12HV
	Electrical Parameters
Battery Type	LiFePO4
Nominal Battery Energy [kWh]	5.12
Nominal Capacity [Ah]	100
Nominal Voltage [V]	51.2
	General Parameters
Net Weight [kg]	43.5
Dimension [W * D * H] [mm]	481 * 535 * 140
Charging Temperature Range [℃]	0 ~ 55
Discharging Temperature Range [℃]	-10 ~ 55
Communication	CAN
Cycle Life [1]	> 6000 Cycles
Degree of Protection	IP20
Expansion	Up to 15 Units in Series
Certification & Safety Standard	UN 38.3 / CE-EMC

[1] Test conditions: 0.2C Charging / Discharging, @25℃, 95% DOD.

Model	PowerRack 0.5C Serie		
	Electrical Parameters		
Rack Type	PowerRack-35.8kWh	PowerRack-51.2kWh	PowerRack-56.32kWh
Battery Module Type	PowerPack-5.12HV	PowerPack-5.12HV	PowerPack-5.12HV
Nominal Battery Energy [kWh]	35.84	51.2	56.32
Nominal Capacity [Ah]	100	100	100
Nominal Voltage [V]	358.4	512	563.2
Operating Voltage Range [V]	313.6 ~ 403.2	448 ~ 576	492.8 ~ 633.6
Nominal Power Output [kW]	21.5	30.72	33.79
Max.Power Output [kW]	35.84	51.2	56.32
Recommend Charging Current [A]	50	50	50
Recommend Discharging Current [A]	50	50	50
	General Parameters		
Battery Module Quantity	7 Units	10 Units	11 Units
Net Weight [kg]	397.5	593	646.5
Dimension [W * D * H] [mm]	548 * 568 * 1412	548 * 568 * 2012	548 * 568 * 2012
Rack System Control Unit Type [1]	BDU-200	BDU-200	BDU-200
Module Quantity and Configuration	7 Units in Series	10 Units in Series	11 Units in Series

[1] PowerPack-5.12HV battery module need to be used with BDU-200 control unit.

POWERMOUNT (1505-2007kWh)

Containerized Battery Energy Storage System

- All-in-One Design
- Multi-Layer Safety Design
- Dual Fire Suppression Systems
- Independent Single-Cluster Management
- Pre-installed & Easy Connection
- Modular Design for Flexible Configuration

Containerized Battery Energy Storage System

PowerMount (1505-2007kWh)

Model	PowerMount -P720-1505kWh	PowerMount -P480-2007kWh	PowerMount -P960-2007KkWh	PowerMount -P1000-2007kWh
Battery				
Cell Type	LiFePO4 - 280Ah			
System Configuration	6 * 1P280S	8 * 1P280S	8 * 1P280S	8 * 1P280S
Battery Capacity [kWh]	1505.28	2007.04	2007.04	2007.04
AC Output				
Rated Output Power [kW]	720 (12 * 60)	480 (8 * 60)	960 (16 * 60)	1000 (18 * 60)
Rated Voltage [V]	400, 3P4W+PE			
Frequency [Hz]	50 / 60			
Rated Current [A]	1039	693	1386	1443
Harmonics	< 3% (@Rated Power)			
Overload Capacity	110%, Continuous			
General Parameters				
Isolation Transformer	No			
Degree of Protection	IP 54			
Anti-Corrosion Grade	C3			
Operating Temperature [℃] [1]	-30 ~ 50			
Relative Humidity	0~95% (Non-Condensing)			
Operating Altitude [m] [2]	< 3000			
Noise Emission [dB]	≤ 75			
Dimension [W * D * H] [mm]	20HQ Container (6058 * 2438 * 2896)			
Max. Weight [kg]	About 21500	About 26500		
Fire Fighting System	Water Fire Protection+Novec1230			
Communication Interface and Protocol	Ethernet, Modbus TCP			
Certifications & Standards				
Certifications	IEC 61000, IEC 62477, IEC 62619, ROHS, UN3536			
	IEC 62619, UL 1973, UL 9540A, UL 1642			
	EN 50549, VDE 4105, VDE 4110, NC-RFG,TOR-TypA and B, G99			

[1] The system will be derated when the ambient temperature exceeds 45℃.

[2] The system will be derated when the altitude exceeds 2000m.

POWERMOUNT (5MWh)

Containerized Battery Energy Storage System

- Ultra-high energy density
- Multi-level safety protection system
- Excellent thermal management to maintain the battery temperature difference ≤ 3℃
- Versatile application in multiple scenarios
- Flexible Configuration, support back-to-back layout
- Refined management of BMS to extend battery service life

Containerized Battery Energy Storage System

PowerMount (5MWh)

Model	PowerMount-5MWh
	Battery
Cell Type	LiFePO4 - 314Ah
Battery Capacity [kWh]	5015.96
Battery Rated Voltage [V]	1331.2
Battery Voltage Range [V]	1164.8 ~ 1500.0
Charge & Discharge Rate	0.5P
	Efficiency
Max. System Efficiency	94%
	General Data
Degree of Protection	IP54
Operation Temperature [℃]	-20 ~ +55
Relative Humidity	0 - 95%
Permissible Altitude [m]	≤ 2000
Cooling Method	Liquid Cooling
Fire Fighting System	Aerosol + Water Spray
Dimension [W * D * H] [mm]	6058 * 2438 * 2896
Weight [kg]	43000
Communication Interface	Ethernet / RS485 / CAN / Domestic 4G
Communication Protocol	Modbus TCP / Modbus RTU / CAN2.0
	Certifications & Standards
Certifications	IEC / EN 62619, IEC / EN 61000, FCC Part15, IEC / UL60730, UL 1973, UL 9540A, UN 38.3, IEC / EN 62477, UL 9540, UN 3536

THREE PHASE HYBRID INVERTER

DN3H Series (25-50KTL)

- Support 100% unbalanced loads
- Max. 120% back-up output overloading @60s
- 100A high charge/discharge current support 1C solution
- Low operating noise < 50dB
- Low start-up voltage 135V for more generation time
- Support diesel generators for diverse energy sourcing

Three Phase Hybrid Inverter

DN3H Series(25-50KTL)

Model	DN3H 25KTL-H2	DN3H 30KTL-H2	DN3H 36KTL	DN3H 40KTL	DN3H 50KTL
PV Input					
Max. Recommended PV Power [Wp]	37500	45000	54000	60000	75000
Max. PV Input Voltage [V] [1]	1000	1000	1000	1000	1000
Rated PV Input Voltage [V]	620	620	620	620	620
Start-Up Voltage [V]	135	135	135	135	135
No. of MPP Trackers	4	4	4	4	4
No. of Input Strings per Tracker	2	2	2	2	2
MPPT Voltage Range [V] [1]	200-850	200-850	200-850	200-850	200-850
Max. Input Circuit per MPPT [A]	30	30	30	30	30
Max. Short-Circuit Current per MPPT [A]	40	40	40	40	40
AC Input / Output (On-Grid)					
Rated AC Power [W]	25000	30000	36000	40000	50000
Max. Output Apparent Power [VA]	27500	33000	39600	44000	55000
Max. Input Apparent Power [VA] [2]	30000	36000	43500	48000	60000
Max. AC Current [A]	42	50	60	66	83
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400				
Rated Frequency [Hz]	50 / 60				
Output THDi [@Rated Output]	< 3%				
Adjustable Power Factor [cos ϕ]	0.8 leading ... 0.8 lagging				
DCI	< 0.5%In				
AC Output (Off-Grid)					
Rated AC Power [W]	25000	30000	36000	40000	50000
Max. Output Apparent Power [VA]	27500	33000	39600	44000	55000
Max. Output Current [A]	42	50	60	66	83
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400				
Rated Frequency [Hz]	50 / 60				
Automatic Switch Time [ms]	< 20				
Output THDv	< 3%@Linear Load				
Generator Input					
Max. Input Apparent Power [VA] [2]	30000	36000	43500	48000	60000
Max. Charging Power of Battery [W]	25000	30000	36000	40000	50000
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400				
Rated AC Frequency [Hz]	50 / 60				
Max. Input Current [A]	43.5	52.2	63	69.6	87.0
Battery					
Battery Type	Lithium (with BMS)				
Battery Voltage Range [V]	135 - 750				
Max. Charging / Discharging Current [A]	100 / 100				
Efficiency					
Max. Efficiency	98.8%				
European Efficiency	98.3%				
Protection					
DC Reverse Polarity Protection	Yes				
Battery Input Reverse Connection Protection	Yes				
Insulation Resistance Protection	Yes				
Surge Protection	Yes				
Over-Temperature Protection	Yes				
Residual Current Protection	Yes				
Anti-Islanding Protection	Yes				
AC Over-Voltage Protection	Yes				
Overload Protection	Yes				
AC Short-Circuit Protection	Yes				
General Data					
Dimension [W * H * D] [mm]	800 * 620 * 300				
Weight [kg]	72				
Over Voltage Category	PV: II Main: III				
Operating Temperature [℃]	-30 ~ 60				
Operating Altitude [m]	3000 [3]				
Relative Humidity [%]	0 ~ 100				
Topology	Transformerless				
Cooling	Fan				
Degree of Protection	IP65				
Standby Self-Consumption [W]	< 15				
Noise Level [dB] [1]	< 50				
Display	OLED & LED				
Communication	CAN, RS485, WiFi / LAN (Optional)				
Certifications & Standards					
Grid Connection Standards	EN IEC 61000, EN IEC 62109, EN 50549-1, CEI-021				

[1] PV Max. Input voltage is 850V, otherwise inverter will be waiting;

[2] Max. apparent power from the grid refers to the highest power imported from the utility grid, utilized for supporting backup loads and charging the battery;

[3] The system will be derated when the altitude is above 3000m.

THREE PHASE HYBRID INVERTER

DN3H-H3 Series (25-50K)

- 150A high charge/discharge current
- Support 100% unbalanced loads
- 150-940V wide battery voltage range
- 20A PV input current per string, 4 MPP trackers
- Max. 10 pcs parallel operation
- Support diesel generators for diverse energy sourcing

Three Phase Hybrid Inverter

DN3H-H3 Series(25-50K)

Model	DN3H-25K-H3	DN3H-30K-H3	DN3H-40K-H3	DN3H-50K-H3
PV Input				
Max. Recommended PV Power [Wp]	50000	60000	80000	100000
Max. PV Input Voltage [V][1]	1000	1000	1000	1000
Rated PV Input Voltage [V]	620	620	620	620
Start-Up Voltage [V]	135	135	135	135
No. of MPP Trackers	4	4	4	4
No. of Input Strings per Tracker	2	2	2	2
Operating Voltage Range [V][1]	200 - 950	200 - 950	200 - 950	200 - 950
Max. Input Circuit per MPPT [A]	40	40	40	40
Max. Short-Circuit Current per MPPT [A]	50	50	50	50
AC Input / Output (On-Grid)				
Rated AC Output Power [W]	25000	30000	40000	50000
Max. Output Apparent Power [VA]	25000	30000	40000	50000
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400			
Rated Frequency [Hz]	50 / 60			
Rated Output Current [A]	37.9 / 36.2 / 34.7	45.5 / 43.5 / 41.7	60.6 / 58 / 55.6	75.8 / 72.5 / 69.4
Max. Output Current [A]	37.9	45.5	60.6	75.8
Adjustable Power Factor [cos ϕ]	0.8 Leading ... 0.8 Lagging			
Output THDi [@Rated Output]	< 3%			
Max. Input Apparent Power [VA] [2]	50000	60000	80000	80000
Max. Input Current [A]	75.8	90.9	121.2	121.2
AC Output (Off-Grid)				
Rated AC Power [W]	25000	30000	40000	50000
Rated Output Current [A]	37.9 / 36.2 / 34.7	45.5 / 43.5 / 41.7	60.6 / 58 / 55.6	75.8 / 72.5 / 69.4
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400			
Rated Frequency [Hz]	50 / 60			
Automatic Switch Time [ms]	< 10			
Peak Output Apparent Power [VA]	1.5 Times Of Rated Output Power,10s			
Output THDv	< 3%@Linear Load			
Generator Input				
Max. Input Apparent Power [VA]	25000	30000	40000	50000
Rated AC Voltage [V]	3L / N / PE; 220 / 380; 230 / 400			
Rated AC Frequency [Hz]	50 / 60			
Max. Input Current [A]	37.9	45.5	60.6	75.8
Battery				
Battery Type	Lithium (with BMS)			
Battery Voltage Range [V]	150 - 840			
Max. Charging / Discharging Current [A]	150 / 150			
Max. Charge / Discharge Power [W]	25000 / 25000	30000 / 30000	40000 / 40000	50000 / 50000
Efficiency				
Max. Efficiency	97.8%			
European Efficiency	97.2%			
Protection				
DC Reverse Polarity Protection	Yes			
Battery Input Reverse Connection Protection	Yes			
Insulation Resistance Protection	Yes			
Surge Protection	DC Type II / AC Type II			
Over-Temperature Protection	Yes			
Residual Current Protection	Yes			
Anti-Islanding Protection	Yes			
AC Over-Voltage Protection	Yes			
Overload Protection	Yes			
AC Short-Circuit Protection	Yes			
General Data				
Dimension [W * H * D] [mm]	919 * 739 * 305			
Weight [kg]	89			
Over Voltage Category	PV+Battery: II; Mains: III			
Operating Temperature [℃]	-30 ~ 60			
Operating Altitude [m]	3000			
Relative Humidity [%]	0 ~ 100			
Topology	Transformerless			
Cooling	Fan			
Degree of Protection	IP66			
Standby Self-Consumption [W]	< 40			
Noise Level [dB] [1]	< 65			
Display	OLED & LED			
Communication	CAN, RS485			
Certifications & Standards				
Grid Connection Standards	EN IEC 61000, EN IEC 62109, EN 50549-1, NC RfG, G99, G100			

[1] PV Max. Input voltage is 950V, otherwise inverter will be waiting;

[2] Max apparent power means the maximum power imported from the grid used to satisfy the backup loads and charge the battery.

Expert in C&I and Utility BESS Global Cases

Bytom, Poland Battery capacity: **1505 kWh**

Targu Jiu, Romania Battery capacity: **430 kWh**

Petrich, Bulgaria Battery capacity: **215 kWh**

West Yorkshire, the UK Battery capacity: **215 kWh**

Targu Mures, Romania Battery capacity: **699 kWh**

Targu Jiu, Romania Battery capacity: **1075 kWh**

Nanjing, China Battery capacity: **110 MWh**

Suzhou, China Battery capacity: **100 MWh**

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1

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DUNEXT

Location: Suzhou, China

Contact Us: info@dunext.com