

EXIDE®

RENEWABLE ENERGY

ENERGIZING A NEW WORLD

Introducing
LITHIUM
Series



exidepakistan.com

Creating the future - the Exide way:



Innovation



High Performance



Reliability



Sustainability



EXIDE[®]

ATLANTIC
SERIES

POWERWALL
HOME BATTERY

POWERWALL
SUSTAINABLE
ENERGY
INNOVATIONS



AVAILABLE SIZES:

25.6V 105AH

51.2V 105AH

Cycle Life >6000
Design Life >15 Years

LiFeP[⚡]4
Lithium Iron Phosphate Battery

PARAMETERS

25.6V | 105AH

51.2V | 105AH

Model	27PW60	53PW60
Energy	2.7kWh	5.4kWh
Nominal Voltage	25.6V	51.2V
Nominal Capacity	105Ah	105Ah
Max Discharge Cut-off Voltage	20V	43V
Recommended Dis-Cut-off Voltage	22.5V	44.8V
Max Charge Cut-off Voltage	29.2V	58.4V
Recommended Charge Cut-off Voltage	29.2V	58V
Max Charge Current Capability	100A	100A
Recommended Charge Current	40A	40A
Max Discharge Current Capability	105A (1C)	105A (1C)
Recommended Discharge Current	50A	<80A
BMS communication	RS485 / CAN	RS485 / CAN
No of Cells	8 cells	16 cells
Working temperature	0°C-50°C Charge	0°C-50°C Charge
	-20°C-55°C Discharge	-20°C-60°C Discharge
Storage Temperature/ Shelf Temperature	-10°C-50°C	-10°C-55°C
Design Life	>15 years (25°C)	>15 years (25°C)
Cycle life	>6000 @25°C, 0.5C	>6000 @25°C, 0.5C
Max Parallel Connection capability	15 Pcs	15 Pcs
Net Weight	29.7 KG	49 KG
Dimension	500 x 443 x 180 mm	740 x 443 x 180 mm

**MORE SAVINGS
MORE POWER
MORE BACKUP**



LiFePO₄
Lithium Iron Phosphate Battery



EXIDE®

ATLANTIC SERIES



RACK TYPE SOLUTION



AVAILABLE SIZES:

51.2V 52AH

48V 105AH

Cycle Life >6000

51.2V 105AH

51.2V 200AH

Design Life >15 Years



ATLANTIC SERIES

PARAMETERS

51.2V 52AH

51.2V 105AH

48V 105AH

51.2V 200AH

PARAMETERS	51.2V 52AH	51.2V 105AH	48V 105AH	51.2V 200AH
Energy	2.7kWh	5.4kWh	5.04kWh	10.4kWh
Nominal Voltage	51.2V	51.2V	48V	51.2V
Nominal Capacity	52Ah	105Ah	105Ah	200Ah
Max Discharge Cut-off Voltage	43V	43V	40V	43V
Recommended Dis-Cut-off Voltage	44.8V	44.8V	42.5V	44.8V
Max Charge Cut-off Voltage	58.4V	58.4V	54.4V	58.4V
Recommended Charge Cut-off Voltage	58V	58V	54.2V	58V
Max Charge Current Capability	50A	100A	100A	100A
Recommended Charge Current	25A	40A	40A	50A
Max Discharge Current Capability	50A (1C)	105A (1C)	105A (1C)	200A (1C)
Recommended Discharge Current	<40A	<80A	<80A	<120A
BMS communication	RS485 / CAN	RS485 / CAN	RS485 / CAN	RS485 / CAN
No of Cells	16 cells	16 cells	15 cells	16 cells
Storage Temperature/ Shelf Temperature	-10°C-50°C	-10°C-55°C	-10°C-55°C	-10°C-50°C
Working temperature	0°C-50°C Charge -20°C-60°C Discharge			
Design Life	>15 years (25°C)			
Cycle life	>6000 @25°C, 0.5C			
Max Parallel Connection capability	15 Pcs			
Net Weight	20KG	41.1 KG	39.1 KG	81 KG
Dimension	440 x 431 x 177 mm			560 x 440 x 231 mm

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LiFePO₄
Lithium Iron Phosphate Battery



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DRAGON SERIES



RACK TYPE
SOLUTION



48V 100AH

Cycle Life >4000
Design Life >10 Years

LiFeP₄ 
Lithium Iron Phosphate Battery 

DRAGON



SERIES

PARAMETERS

48V 100AH

Energy	4.8 kWh
Nominal Voltage	48V
Nominal Capacity	100Ah
Max Discharge Cut-off Voltage	40V
Recommended Dis-Cut-off Voltage	42.5V
Max Charge Cut-off Voltage	54.4V
Recommended Charge Cut-off Voltage	54.2V
Max Charge Current Capability	100A
Recommended Charge Current	40A
Max Discharge Current Capability	100A (1C)
Recommended Discharge Current	<80A
BMS communication	RS485 / CAN
No of Cells	15 cells
Working temperature	0°C-50°C Charge -20°C-55°C Discharge
Storage Temperature/ Shelf Temperature	-10°C-50°C
Design Life	>10 years (25°C)
Cycle life	>4000 @25°C, 0.5C
Max Parallel Connection capability	15 Pcs
Net Weight	39.3 KG
Dimension	440 x 431 x 177 mm

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LiFeP₄
Lithium Iron Phosphate Battery



EXIDE®

ADVANCE
SERIES

HP LITHIUM

DROP-IN-REPLACEMENT
BATTERY



AVAILABLE SIZES:

12V 100AH
25.6V 100AH

Cycle Life >5000
Design Life >10 Years



ADVANCE
SERIES

HP LITHIUM

PARAMETERS

12V 100AH

25.6V 100AH

Model	HP 12V 100Ah	HP 25.6V 100Ah
Energy	1.2kWh	25.6kWh
Nominal Voltage	12.8V	25.6V
Nominal Capacity	100Ah	100Ah
Dimension(L*W*H mm)	339 x 185 x 218mm	502 x 186 x 243mm
Weight	10KG	18.9KG
Recommended Discharge Cut-off Voltage	11V	22.7V
Recommended Charge cut-off Voltage	14.6V	29.2V
Standard Charge Current	20A	30A
Max Charge Current	50A	50A
Max Discharging Current	100A	100A
No. of Cells	4 pcs 3.2V 100Ah Grade-A Prismatic Cells	8 pcs 3.2V 100Ah Grade-A Prismatic Cells
Working Temperature	0°C~45°C Charge -20°C~50°C Discharge	0°C~45°C Charge -20°C~50°C Discharge
Shelf Temperature	-10°C~45°C	-10°C~45°C
Design Life Cycle	>10 Years	>10 Years
Cycles	>5000	>5000
Warranty	02 Years	02 Years
Ingress protection (IP)	IP65	IP65

MORE SAVINGS
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LiFePO₄
Lithium Iron Phosphate Battery



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