



AK BATTERY
WE POWER
THE WORLD



PRODUCT CATALOGUE

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 **AK POWER**

AK POWER

AK POWER



CATALOGUE

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**AK POWER
NEW PRODUCTS
BRAND NEW ONLINE!**



CATALOGUE



AK POWER

COMPANY INTRODUCTION

Guangdong Tianzhichang Power Technology Co., Ltd



2001
ESTABLISHED IN 2001



1000+
THAN 1000 EMPLOYEES



SUBORDINATE BRAND
"AK", "TZC", "TC", AND "FAB" "

Subsidiary company

Palestinian direct operated company,
Philippine branch,Cambodian branch.
Vietnam Branch, Nigeria Branch.

Production product

AGM BATTERIES, DEEP CYCLE GEL BATTERIES,
OPZV/OPZS BATTERIES, MOTORCYCLE BATTERIES,
DEEP CYCLE LITHIUM BATTERIES,LITHIUM IRON PHOSPHATE
BATTERIES AND LEAD CARBON BATTERIES.

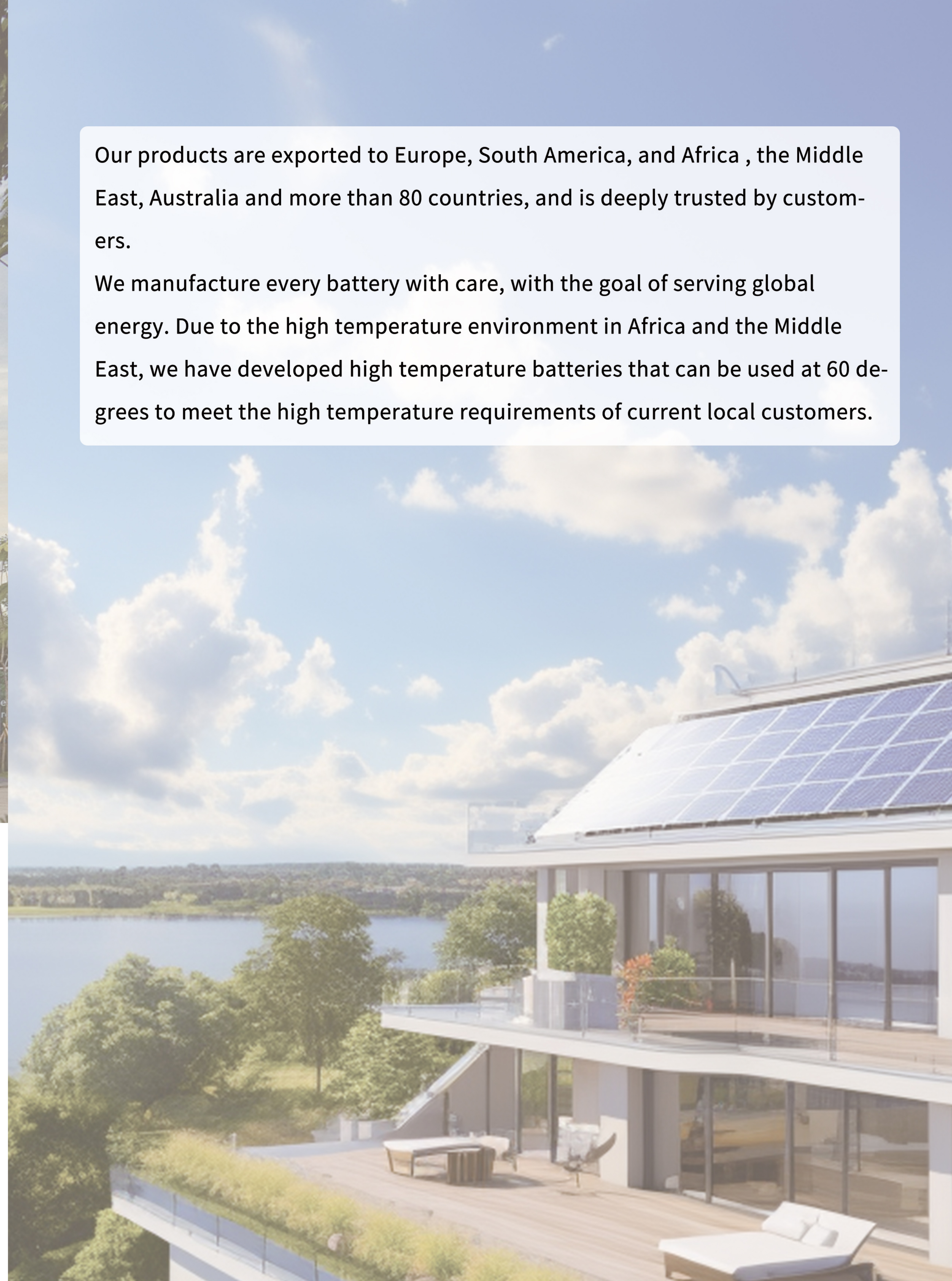
Lithium iron phosphate batteries are available in 12.8V, 25.6V, 48V, 51.2V,

solar gel batteries are available in more than 400 models including 2V, 4V, 6V, 8V, 12V, 0.5Ah-3000Ah, etc.

Widely used in solar/wind energy storage systems, industrial telecommunications systems, backup power systems, motorcycles,etc.

Our products are exported to Europe, South America, and Africa , the Middle East, Australia and more than 80 countries, and is deeply trusted by customers.

We manufacture every battery with care, with the goal of serving global energy. Due to the high temperature environment in Africa and the Middle East, we have developed high temperature batteries that can be used at 60 degrees to meet the high temperature requirements of current local customers.



Enterprise certificate

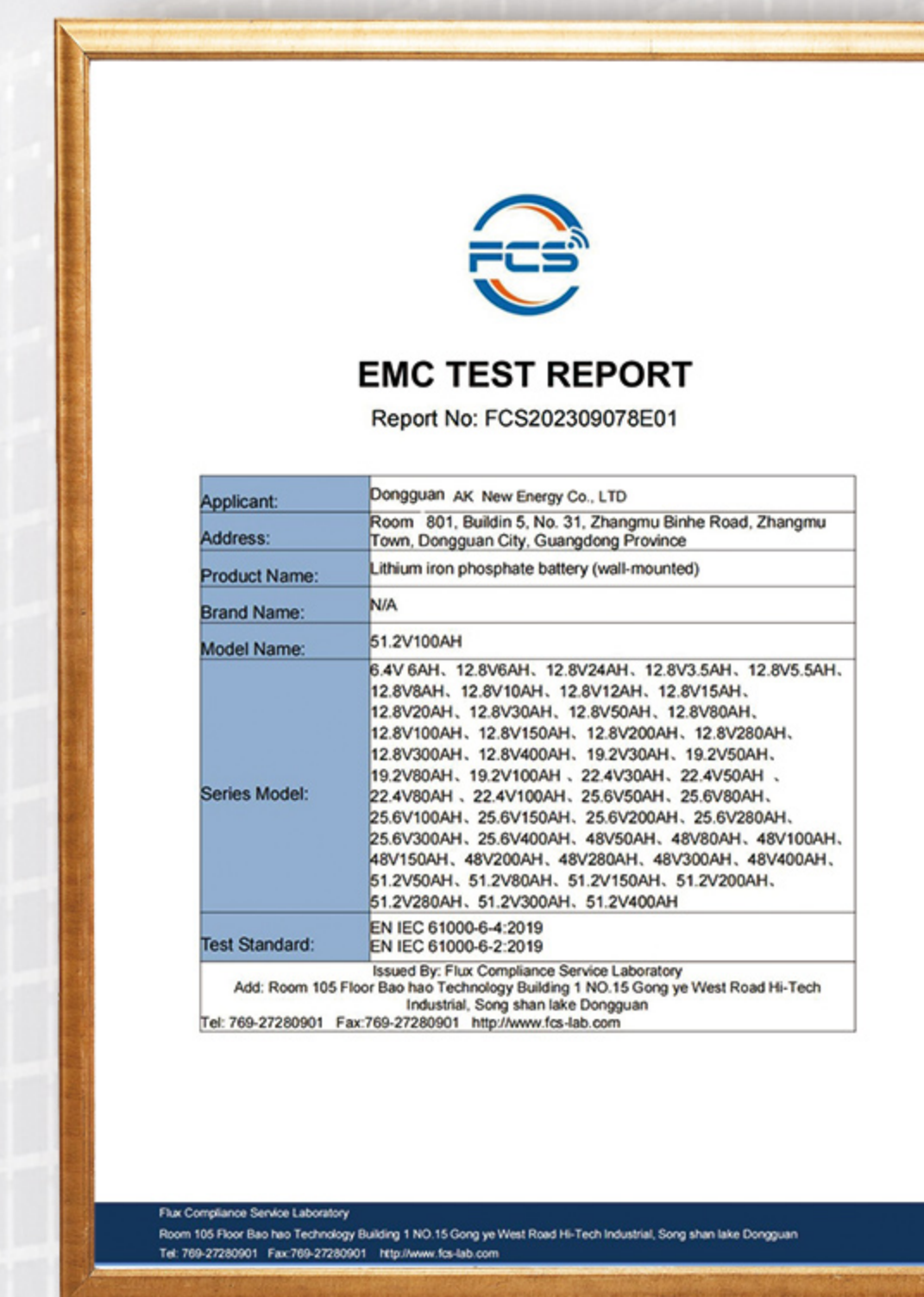
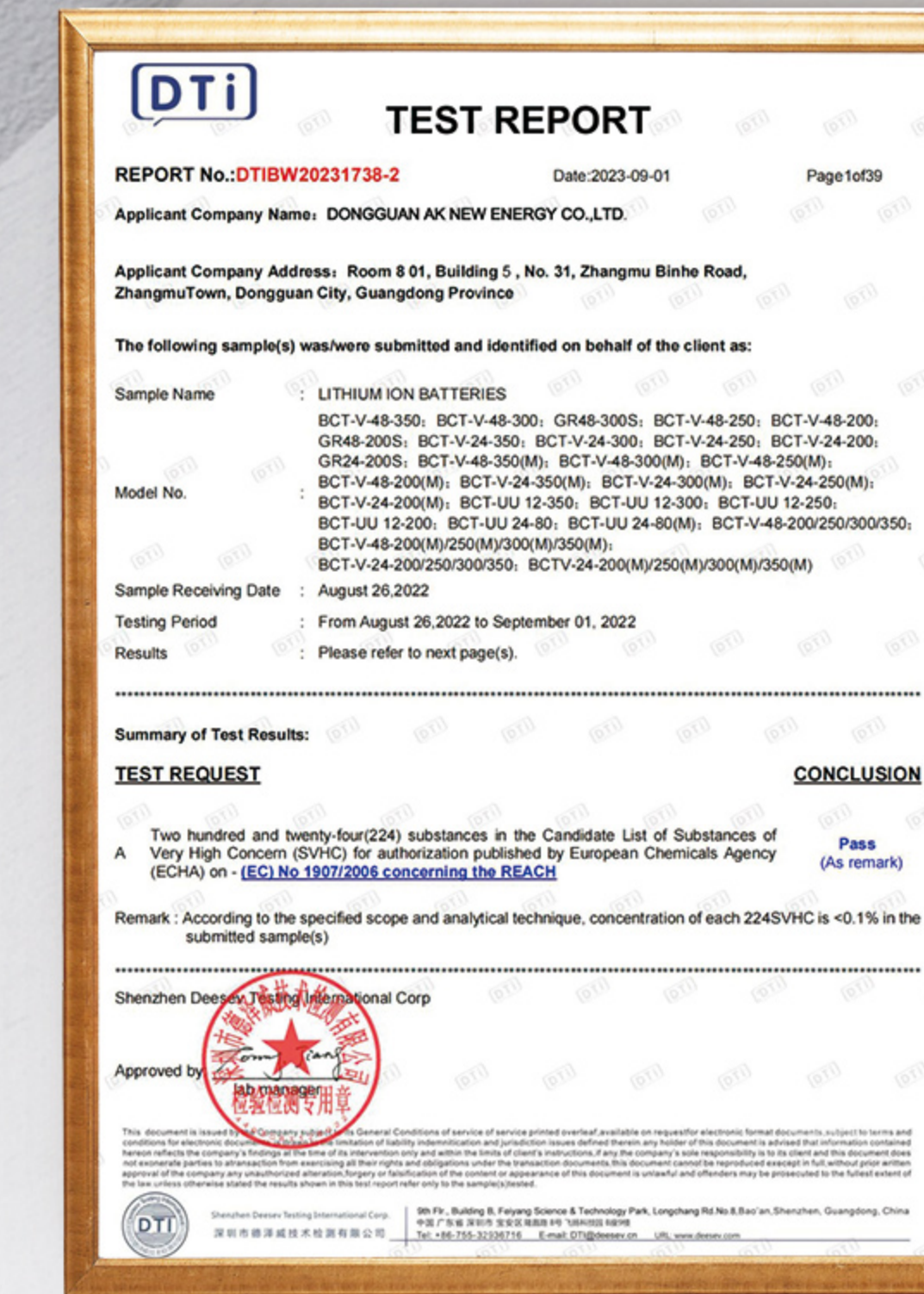
As one of the leading industrial battery manufacturers, we always put quality first. Tianzhichang Group cherishes every opportunity to become your partner in the fields of solar gel batteries and deep cycle lithium batteries. Establish a long-term cooperative relationship based on joint efforts and mutual benefit.

The group has adopted a professional quality management system since its establishment. We have successfully obtained .

Gel batteries have passed ISO9001, ISO14001, OHSAS 18001, CE, IEC, UL certification, and deep cycle lithium batteries have passed UN38.3, MSDS certified batteries.

It has a high-quality R&D team and an experienced workforce. An effective quality management system and advanced environmental protection equipment, as well as the awareness to become a leader in the production of solar gel batteries and deep cycle lithium batteries. We supply high-quality and reliable batteries and provide excellent services to meet the needs of customers worldwide.

COLLECT HONORS OF THE PAST AND CREATE A BETTER TOMORROW



SOLAR ENERGY STORAGE CABINET TYPE ENERGY STORAGE BATTERY



SPECIFICATIONS

Model	AK-LEPC580	AK-LEPC5100	AK-LEPC480	AK-LEPC4100
Rated Voltage (V)	51.2	51.2	48	48
Rated Capacity (Ah)	80	100	80	100
Rated Energy (Wh)	4096	5120	3840	4800
Voltage Range (V)	40-58.4	40-58.4	37.5~54.75	37.5~54.75
Charge Voltage Range (V)	55.2-58.4	55.2-58.4	51.75~54.75	51.75~54.75
Cut-off Voltage (V)	40	40	37.5	37.5
Recommend Charge Current (A)	40	50	40	50
Max Charge Current (A)	80	100	80	100
Max Discharge Current (A)	80	100	80	100
Dimension: L*W*H (mm)	370*420*120	490*482*177	370*420*120	490*482*177
Weight (kg)	32	46	31	43
Communication Port	RS485, CAN	RS485, CAN	RS485, CAN	RS485, CAN
Display	LED+LCD	LED+LCD	LED+LCD	LED+LCD
Terminal	Plug-in	Plug-in	Plug-in	Plug-in
Humidity (%)	5-95% RH	5-95% RH	5-95% RH	5-95% RH
Charge Temperature Range (°C)	0~45	0~55	0~45	0~55
Discharge Temperature Range (°C)	-20~55	-20~55	-20~55	-20~55
Storage Temperature Range (°C)	-10~45	-10~45	-10~45	-10~45
Cycle Life	≥3000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)
Design Life (Year)	15	15	15	15
Safety & Certification	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973
Transportation	UN38.3	UN38.3	UN38.3	UN38.3
Compatible inverter	 	 	 	

Solar energy storage battery
Cabinet type energy storage battery



CE IEC UN38.3
LEPC-AK48



- 01-LCD SCREEN
- 02-COMMUNICATION PORT
- 03-STANDBY DIALER



- 04-CAPACITY STATE
- 05/06-P+/P- TERMINALS
- 07- CIRCUIT BREAKER

LEPW-AK12

SPECIFICATIONS

These battery packs are designed for 12V residential solar home system. Similar to the Tesla powerwall.



LEPW-AK12



LiFe PO4 battery Pack 12.8V80AH

- Lorem Ipsum
- BMS SMART
- Solar
- Energy Storage System



- 01-INDICATOR LIGHT
- 02-LED SCREEN
- 03-MOUNT BRACKET
- 04/05-P+/P- TERMINALS
- 06-CIRCUIT BREAKER



Model	AK-LEPW128	AK-LEPW1210	AK-LEPW1220
Rated Voltage (V)	12.8	12.8	12.8
Rated Capacity (Ah)	80	100	200
Rated Energy (Wh)	1024	1280	2560
Voltage Range (V)	10~14.6	10~14.6	10~14.6
Charge Voltage Range (V)	13.8~14.6	13.8~14.6	13.8~14.6
Cut-off Voltage (V)	10	10	10
Recommend Charge Current (A)	40	50	100
Max Charge Current (A)	80	100	200
Max Discharge Current (A)	80	100	200
Dimension: L*W*H (mm)	330*255*138	330*255*158	330*275*158
Weight (kg)	12	15	30
Communication Port	/	/	/
Display	LED+LCD	LED+LCD	LED+LCD
Terminal	Plug-in	Plug-in	Plug-in
Humidity (%)	5-95% RH	5-95% RH	5-95% RH
Charge Temperature Range (°C)	0-45	0-45	0-45
Discharge Temperature Range (°C)	-20~55	-20~55	-20~55
Storage Temperature Range (°C)	-10~45	-10~45	-10~45
Cycle Life	≥3000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)
Design Life (Year)	15	15	15
Safety & Certification	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973
Transportation	UN38.3	UN38.3	UN38.3
Compatible inverter	PYLONTECH GROWATT MUST 美世乐 victron energy	Deye 德業 srne SOFAR SOLAR 首航新能源	Voltron Power TBB POWER MEGAREVO Lbb invtr 英威腾 SMA

LEPW-AK25

SPECIFICATIONS

Model	AK-LEPW258	AK-LEPW2510	AK-LEPW2520
Rated Voltage (V)	25.6	25.6	25.6
Rated Capacity (Ah)	80	100	200
Rated Energy (Wh)	2048	2560	5120
Voltage Range (V)	20~29.2	20~29.2	20~29.2
Charge Voltage Range (V)	27.6~29.2	27.6~29.2	27.6~29.2
Cut-off Voltage (V)	20	20	20
Recommend Charge Current (A)	40	50	100
Max Charge Current (A)	80	100	200
Max Discharge Current (A)	80	100	200
Dimension: L*W*H (mm)	510*310*166	510*310*166	490*480*161
Weight (kg)	26	29	49
Communication Port	RS485、CAN	RS485、CAN	RS485、RS232、CAN
Display	LED+LCD	LED+LCD	LED+LCD
Terminal	Plug-in	Plug-in	Plug-in
Humidity (%)	5-95% RH	5-95% RH	5-95% RH
Charge Temperature Range (℃)	0-45	0-45	0-45
Discharge Temperature Range (℃)	-20~55	-20~55	-20~55
Storage Temperature Range (℃)	-10~45	-10~45	-10~45
Cycle Life	≥3000 (1.0C@ 25℃, 80% DOD)	≥6000 (1.0C@ 25℃, 80% DOD)	≥6000 (1.0C@ 25℃, 80% DOD)
Design Life (Year)	15	15	15
Safety & Certification	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973
Transportation	UN38.3	UN38.3	UN38.3
Compatible inverter	PYLONTECH GROWATT MUST 美世乐 victron energy	Deye 德業 srne SOFAR SOLAR 首航新能源	Voltron Power TBB POWER MEGAREVO Lbb invtr 英威腾 SMA

These battery packs are designed for 12V residential solar home system. Similar to the Tesla powerwall.



LEPW-AK25



25.6V/80AH/100AH/200AH

- Lorem Ipsum
- BMS SMART
- Solar
- Energy Storage System



- 01-INDICATOR LIGHT
- 02-LED SCREEN
- 03-CIRCUIT BREAKER
- 04/05-P+/P- TERMINALS
- 06-STANDBY DIALER
- 07-COMMUNICATION PORT

DOD WITH MORE USABLE CAPACITY

LIFEPO4 BATTERY 90%



SPECIFICATIONS

Model	AK-LEPW5110	AK-LEPW5120	AK-LEPW4810	AK-LEPW4820
Rated Voltage (V)	51.2	51.2	48	48
Rated Capacity (Ah)	100	200	100	200
Rated Energy (Wh)	5120	1024	4800	9600
Voltage Range (V)	40-58.4	40-58.4	37.5~54.75	37.5~54.75
Charge Voltage Range (V)	55.2-58.4	55.2-58.4	51.75~54.75	51.75~54.75
Cut-off Voltage (V)	40	40	37.5	37.5
Recommend Charge Current (A)	50	100	50	100
Max Charge Current (A)	100	200	100	200
Max Discharge Current (A)	100	200	100	200
Dimension: L*W*H (mm)	540x435x160	800x540x180	540x435x160	800x540x180
Weight (kg)	46	92	43	88
Communication Port	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Display	LED+LCD	LED+LCD	LED+LCD	LED+LCD
Terminal	Plug-in	Plug-in	Plug-in	Plug-in
Humidity (%)	5-95% RH	5-95% RH	5-95% RH	5-95% RH
Charge Temperature Range (°C)	0-45	0-45	0-45	0-45
Discharge Temperature Range (°C)	-20~55	-20~55	-20~55	-20~55
Storage Temperature Range (°C)	-10~45	-10~45	-10~45	-10~45
Cycle Life	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)	≥6000 (1.0C@ 25°C, 80% DOD)
Design Life (Year)	15	15	15	15
Safety & Certification	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973	CE, EMC, TUV (IEC62619), UL1973
Transportation	UN38.3	UN38.3	UN38.3	UN38.3
Compatible inverter	 	 	 	

LIFEPO4 BATTERY
90% DOD WITH MORE USABLE CAPACITY



LEPW-AK4851



- 01-LED SCREEN
- 02-INDICATOR LIGHT
- 03-CAPACITY STATE
- 04-STANDBY DIALER
- 05-CIRCUIT BREAKER
- 06-COMMUNICATION PORT
- 07-MOUNT BRACKET
- 08/09-P+/P-TERMINALS

51.2V100Ah
48V100Ah

51.2V200Ah/48V200Ah



- 01/02-COMMUNICATION PORT
- 03/04-P+/P- TERMINALS
- 05-MOINT BRACKET
- 06-CIRCUIT BREAKER
- 07-POWER ON/OFFT
- 08-STAND BASE

Stacked lifePO4 solar energy storage battery

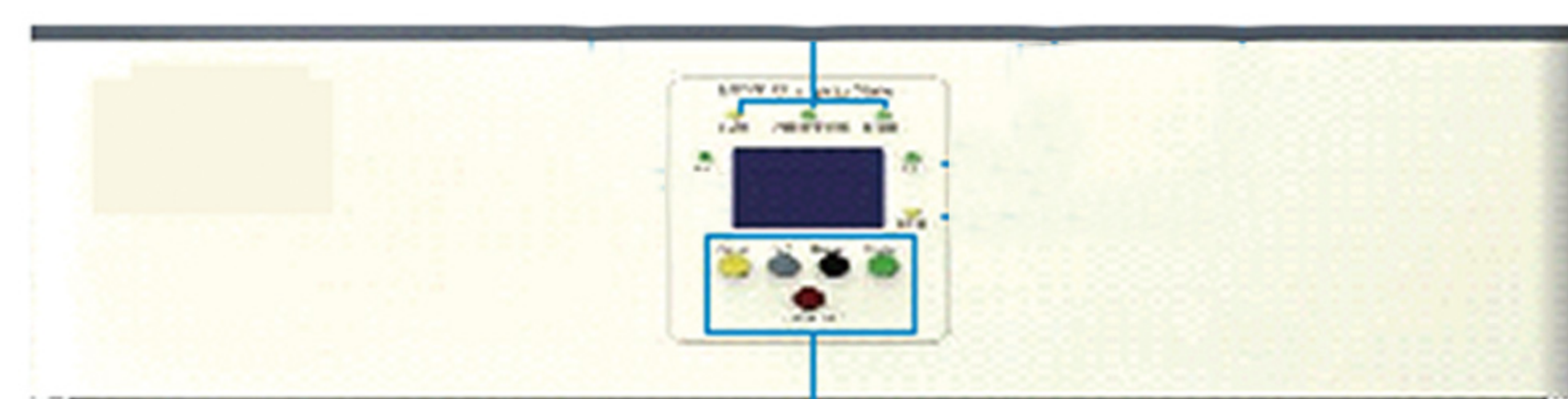


LEPS-AK51

100AH/200AH/300AH/400AH..

LIFEPO4 BATTERY

90% DOD WITH MORE USABLE CAPACITY



STACKED LIFEPO4 SOLAR ENERGY STORAGE BATTERY

LEPS-AK51



SPECIFICATIONS

Type/Parameter	LEPS-AK5120	LEPS-AK5130	LEPS-AK5140	LEPS-AK5150	LEPS-AK5160
System Schematic					
Battery Module Type	LEPH-AK51	LEPH-AK51	LEPH-AK51	LEPH-AK51	LEPH-AK51
Module Number	2	3	4	5	6
Rated Voltage (V)	51.2	51.2	51.2	51.2	51.2
Rated Capacity(Ah)	100	100	100	100	100
Voltage Range (V)	40-58.4	40-58.4	40-58.4	40-58.4	40-58.4
Rated Energy (Wh)	10240	15360	20480	25600	30720
Standard Discharge Current (A)	200	200	200	200	200
Dimension:(L*W*H)	370*420*120	670*430*580	670*430*740	670*430*900	670*430*1060
Weight (kg)	105	155	206	255	306
Communication Port	RS485、CAN	RS485、CAN	RS485、CAN	RS485、CAN	RS485、CAN
Display	LED+LCD	LED+LCD	LED+LCD	LED+LCD	LED+LCD
Terminal	Plug-in	Plug-in	Plug-in	Plug-in	Plug-in
IP	/	/	/	/	/
Charge Temperature Range (°C)	0~45	0~45	0~45	0~45	0~45
Discharge Temperature Range (°C)	-20~55	-20~55	-20~55	-20~55	-20~55
Installation Method	Floor-mount	Floor-mount	Floor-mount	Floor-mount	Floor-mount
Cycle Life	≥8000 (1.0C@ 25°C, 80% DOD)	≥8000 (1.0C@ 25°C, 80% DOD)	≥8000 (1.0C@ 25°C, 80% DOD)	≥8000 (1.0C@ 25°C, 80% DOD)	≥8000 (1.0C@ 25°C, 80% DOD)
Design Life (Year)	15	15	15	15	15
Safety & Certification	CE, EMC, TUV (IEC62619)	CE, EMC, TUV (IEC62619)	CE, EMC, TUV (IEC62619)	CE, EMC, TUV (IEC62619)	CE, EMC, TUV (IEC62619)
Transportation	UN38.3	UN38.3	UN38.3	UN38.3	UN38.3
Compatible inverter					

LEPF-AK511

SPECIFICATIONS



01-P+/P.TERMINALS

02-WHEEL DESIGN

03-LED SCREEN

04-SMART BMS DESIGN

item	Specifications
Configuration	1P16S
Nominal Voltage(V)	51.2V
Working Voltage(V)	42V~58.4V
Nominal Capacity(Ah)	280Ah
Rated energy(KWh)	14.336KWh
Rated charge/discharge Current(A)	100/200A@25±2C
Max Charging current	200A@25±2C
Max discharge current	200A@25±2C
Working temperature	0~40C(charge) -20~40C(discharge)
Storage temperature and humidity	-10C~35C(within 1 month of storage)25±2C(within 3 months of storage) 65%±20%RH
Dimension(LxWxH)	817x412x267mm
Weight	113kg±3kg
Cycle life	6000 cycles@25C 100A charge and discharge current 70% standard capacity 90% DOD
IP grade	IP20/IP65
Communication mode	CAN&RS485
Altitude Limited(m)	0-3000m
Humidity(%)	5%-95%

Solar energy storage battery
Cabinet type energy storage battery



LEPF-AK511

AZK-51.2V280AH

48V/51.2V 280AH

- BACK POWER
- BMS SMART
- SOLAR
- ENERGY STORAGE SYSTEM

LEPH-AK600

High voltage lithium-ion battery



CE IEC UN38.3
LEPH-AK600



CONVENIENT APPLICATION
Easy plug-in installation

MODULAR DESIGN
Support 2 stacked ~ 5 stacked energy storage

HIGH POWER
Power for all applications

- HIGH CONSISTENCY
- HIGH SAFETY PERFORMANCE
- CONFORM TO TUV STANDARD

AK POWER WE POWER THE WORLD

Solar power stations are ideal and portable (emergency) power supplies for in and around your home or outside during outdoor activities.



LEPP-AK888

BMS SMART

LEPP-AK888-600W



● ● ● ● Customizable color

- **Capacity**
31AH /19.2V/600Wh
- **Input**
1.DC5521 12V-24V/1-5A The power adapter
2.DC5521 12V-24V/1-5A Vehicle charging
3.DC5521 12V-24V/1-5A Vehicle charging

- **Material**
PC+VO flame retardant
- **Product weight**
About 6.5kg
- **Package size**
345*285*280mm

Authentication test report
GB4943.1、CE、FCC、ROHS、UN38.3、MSDS、UL、CB、BIS、PSE

LEPP-AK888-1200W



● ● ● ● Customizable color

- **Capacity**
62AH /19.2V/ 1200Wh
- **Input**
1.DC5521 12V-24V/1-5A The power adapter
2.DC5521 12V-24V/1-5A Vehicle charging
3.DC5521 12V-24V/1-5A Solar panels

- **Material**
PC+VO flame retardant
- **Product weight**
About 12.5kg
- **Package size**
350*320*245mm



LEPP-AK888-1500W



● ● ● ● Customizable color

- **Capacity**
80AH /19.2V/1500Wh
- **Input**
1.DC5521 12V-24V/1-5A The power adapter
2.DC5521 12V-24V/1-5A Vehicle charging
3.DC5521 12V-24V/1-5A Solar panels

- **Material**
PC+VO flame retardant
- **Product weight**
About 13.7kg
- **Package size**
440*345*350mm

LEPP-AK888-2000W



● ● ● ● Customizable color

- **Capacity**
105AH /19.2V/2000Wh
- **Input**
1.DC5521 12V-24V/1-5A The power adapter
2.DC5521 12V-24V/6A Vehicle charging
3.10A 800W Solar panels

- **Material**
PC+VO flame retardant
- **Product weight**
About 24 kg
- **Package size**
440*345*350mm



LEPL-AK1225

SPECIFICATIONS

Model	AK-126	AK-127	AK-1240	AK-1250	AK-1275	AK-12100	AK-12150	AK-12150F	AK-12200
Cell Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Volt	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V
Capacity	6Ah	7Ah	40Ah	50Ah	75Ah	100Ah	150Ah	150Ah	200Ah
Charge Voltage	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V
Maximum Continuous Charging									200A
Maximum Continuous Discharge Current	6A	7A	40A	50A	75A	100A	150A	150A	200A
Weight	0.696KG	0.72KG	4.96KG	5.36KG	7.35KG	10.82KG	13.46KG	12.8KG	23.3KG
Size	90*70*100mm	151*65*94mm	260*168*212mm	225*130*210mm	260*168*212mm	329*173*214mm	329*173*214mm	560x125x316mm	522*218.5*239mm
Application area	Outdoor and indoor UPS and battery back up systems; Portable and cordless household appliances; Medical equipment; Motorcycles, toy cars; Camping trailers, RVs, etc. Lighting equipment, emergency lights, etc. And many other applications								

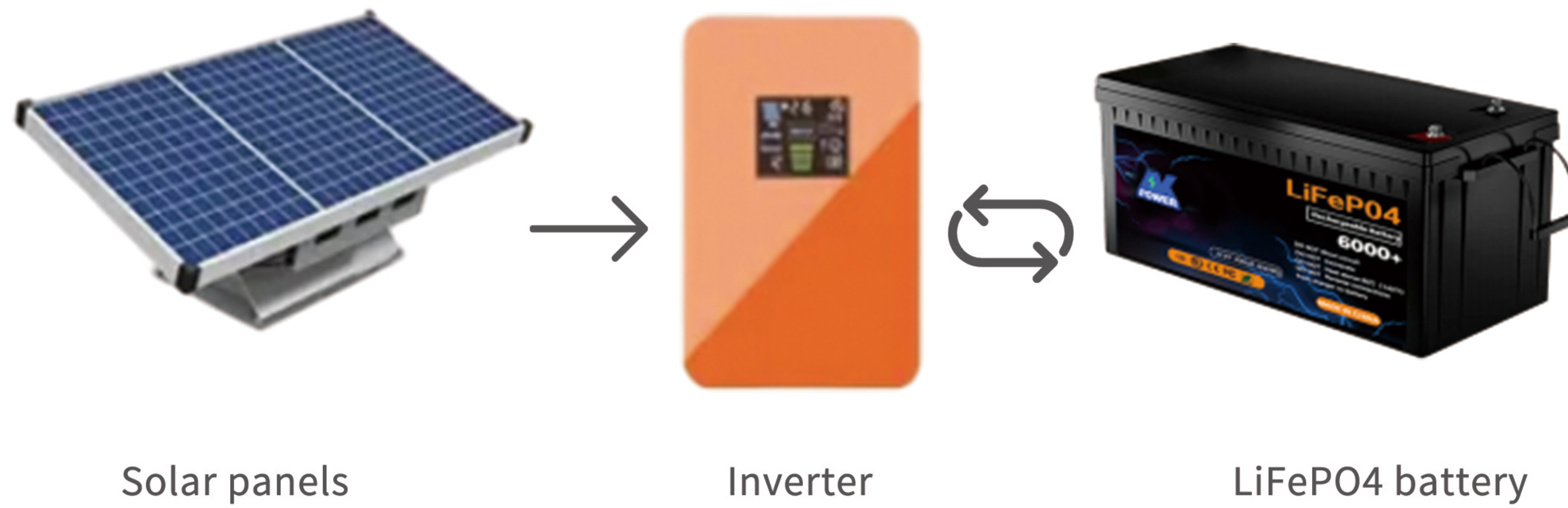
battery energy storage systems for household use



LEPL-AK1225

BMS SMART

PRODUCT DESCRIPTION



CLEAN ENERGY
BRING YOU A DIFFERENT
POWER EXPERIENCE



2V BATTERY

SPECIFICATIONS

% Model#	Eg l(V) VOLTAGE(V)	-(AH) CAPACITY(AH)	(MM) LENGTH(MM)	m(MM) WIDTH(MM)	(MM) HEIGHT(MM)	,"-(MM) TOTALHEIGHT(MM)	.:fsm(KGS) GROSSWEIGHT(KGS)
AK2-100	2	100	171	72	206	209	6.1
AK2-150	2	150	172	102	205	220	8
AK2-200	2	200	173	111	330	364	13.5
AK2-250	2	250	171	151	330	364	16
AK2-300	2	300	172	151	330	364	19
AK2-400	2	400	210	176	330	367	25.5
AK2-500	2	500	241	171	330	365	31
AK2-600	2	600	302	175	330	367	37
AK2-700	2	700	410	175	330	365	46
AK2-800	2	800	410	175	330	365	50
AK2-900	2	900	475	175	330	367	56
AK2-1000	2	1000	475	175	330	367	61
AK2-1500	2	1500	400	350	345	382	95
AK2-2000	2	2000	490	350	350	382	119
AK2-3000	2	3000	710	350	350	382	185

High Performance Maintenance Free



2V BATTERY

APPLICATIONS

- TELECOMMUNICATION EQUIPMENT
- ELECTRONIC INSTRUMENTS
- FIRE ALARM
- SECURITY DEVICES
- UPS POWER SUPPLY
- EMERGENCY LIGHTING

FEATURES&BENEFITS

- NONSPILLABLE
- SEALED AND MAINTENANCE-FREE OPERATION
- HIGH QUALITY AND HIGH RELIABILITY
- EXCEPTIONAL DEEP DISCHARGE RECOVERY
- LOW SELF-DISCHARGE
- LONG SERVICE LIFE
- SOLID COPPER TERMINALS
- TANK-FORMED PLATES
- COMPUTER-AIDED DESIGN AND MANUFACTURING
- UL, CE, VDS APPROVED
- UL,CE, VDS APPROVES



CYCLE GEL BATTERY



FEATURES&BENEFITS

The colloid battery namely electrolyte liquid contains gaseous sili-con dioxide, which shows a get state characterized by no flow con-sistency, no leakage and no acid/ liquid diving layer, allowing thepolar plate perform consistently. The battery uses excess electrolytesto avoid drying up of the batter, overcharging, and heat loss. The bat-tery can be put in multiple positions without worry of leakage.

- Long usage life of cycle and trickle.
- Extremely low disvharge rate. If battery is put at 20 degress centi-grade for 2 years, then its self-discharge rate will be less than 40%.
- Extremely good discharge recovery ability.
- Efficiently prevents heat loss.
- Adapts well in different temperature and charge and discharge con-ditions.
- It has a long cycle and trickle life even in cases of improper use.

High Performance Maintenance Free
Deep cycle Gel Battery



AK12V BATTERY

APPLICATIONS

- WATER PUMPING
- CATHODIC PROTECTION
- COMMUNICATIONS
- SOLAR & WINDSYSTEM
- ELECTRIC POWERED VEHICLES
- GOLF CARS
- COMMERCIAL DEEP CYCLE
- APPLICATIONS
- POWER PLANT
- UPS SYSTEMS

CYCLE GEL BATTERYM



High Performance Maintenance Free
Deep cycle Gel BatteryM



AK12V BATTERY



SPECIFICATIONS

is Model2	Eglll(V) VOLTAGE(V)	gs:(AH) CAPACITY(AH)	(MM) LENGTH(MM)	(MM) WIDTH(MM)	lad(MM) HEIGHT(MM)	/(MM) TOTALHEIGHT(MM)	'=(KGS) GROSSWEIGHT(KGS)
AK6-100	6	100	194	170	205	210	16.5
AK6-200	6	200	321	176	226	246	29
AK6-225	6	225	321	176	226	246	31
AK6-200-A	6	200	321	176	226	246	26
AK6-210-A	6	210	260	182	247	336	28
AK8-180-A	8	180	260	182	295	289	33
AK8-210-A	8	210	260	182	295	336	34
AK12-7-A	12	7	151	65	94	100	22
AK12-12-A	12	12	151	98	95	100	3.6
AK12-20-A	12	20	181	77	167	167	5.4
AK12-28-A	12	28	165	175	126	126	8.6
AK12-33-A	12	33	195	130	159	180	10.2
AK12-36-A	12	36	195	130	159	180	11
AK12-40-A	12	40	197	165	175	182	13
AK12-55-FA	12	55	277	106	221	221	16.5
AK12-60-A	12	60	260	168	211	233	20
AK12-65-A	12	65	350	166	174	174	20.5
AK12-80-A	12	80	350	166	174	174	21.5
AK12-90-A	12	90	306	168	211	215	25.2
AK12-100-A	12	100	331	171	214	224	29
AK12-100-FA	12	100	395	110	285	285	28
AK12-120-A	12	120	407	174	225	238	34
AK12-150-A	12	150	483	170	241	241	44
AK12-150-FA	12	150	551	110	287	287	46
AK12-180-A	12	180	522	238	218	238	55
AK12-180-FA	12	180	546	125	317	323	51
AK12-200-A	12	200	522	240	219	244	59
AK12-200-FA	12	200	522	238	218	223	60
AK12-230-A	12	230	520	269	220	220	65
AK12-250-A	12	250	520	268	220	249	70

FRONT TERMINAL BATTERY

High Performance
Maintenance Free



FRONT TERMINAL BATTERY

APPLICATIONS

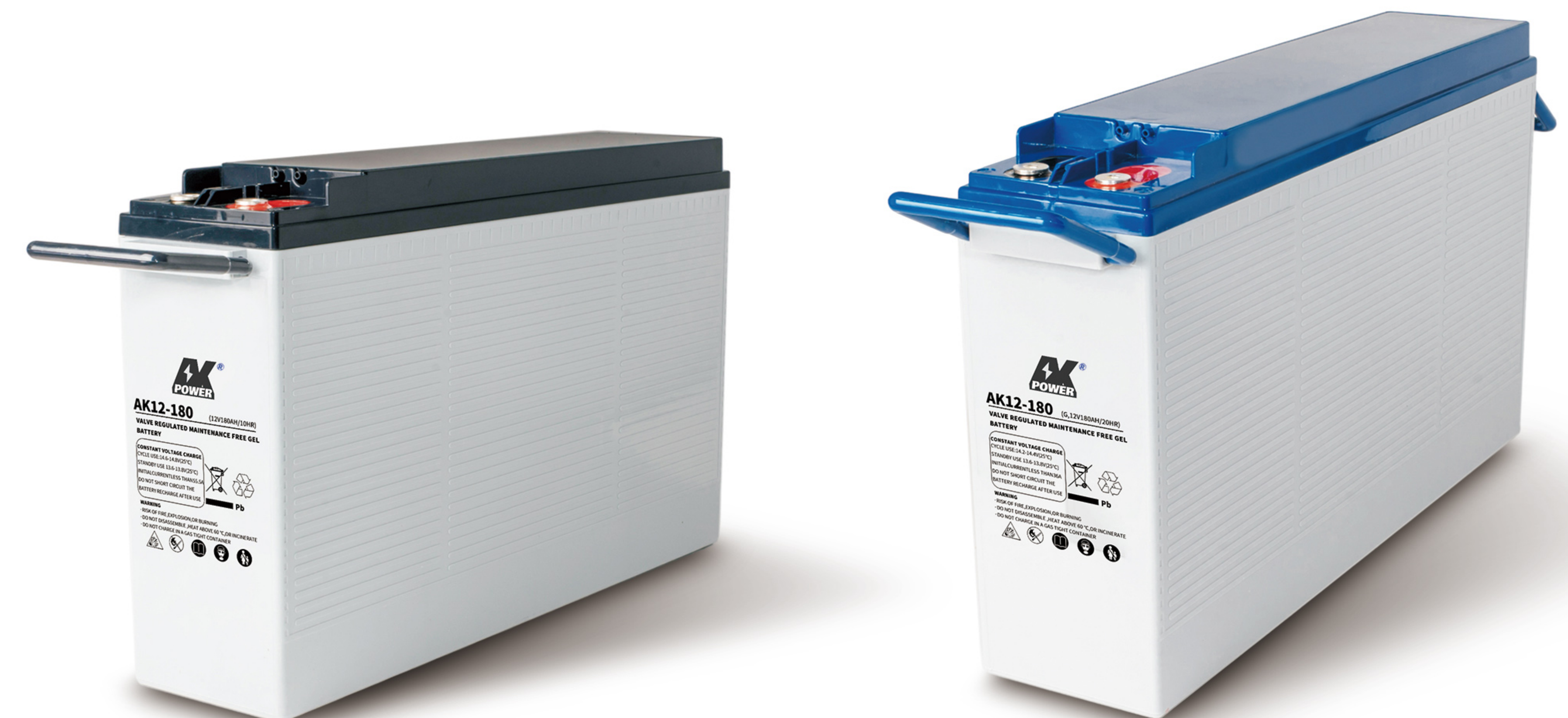
- COMMUNICATION EQUIPMENT
- TELECOMMUNICATION SYSTEMS
- MICROPROCESSOR BASED OFFICE MACHINES
- UNINTERRUPTIBLE POWER SUPPLIES
- ELECTRONIC CASH REGISTERS
- OTHER STANDBY POWER SUPPLIES

FEATURES&BENEFITS

- THICK PASTED PLATES WITH HIGH QUALITY LEADTIN-CALCIUM ALLOY GRIDS FOR
- CENTRALIZED VENTING SYSTEM FOR GAS VENTILATION.
- ROPE HANDLES FOR HANDING AND INSTALLATION CONVENIENCE.
- EASY INSTALLATION ROBUST COPPER TERMINALS PROVIDING HIGH CONDUCTIVITY,EASY CONNECTION.
- FRONT ACCESS TERMINALS FOR EASY AND QUICK CONNECTION 12V100A.

SPECIFICATIONS

Model	Nominal Voltage (V)	Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Gross Weight (KGS)
AK12-55-F	12	55	277	106	222	222	17
AK12-80-F	12	80	562	114	188	188	26
AK12-100-F	12	100	395	110	285	285	32
AK12-100-SF	12	100	507	110	223	238	32
AK12-105-F	12	105	395	110	285	285	33
AK12-105-SF	12	105	507	110	223	238	33
AK12-125-F	12	125	436	108	317	317	37
AK12-140-F	12	140	552	110	288	295	44
AK12-150-F	12	150	551	110	287	287	45
AK12-155-F	12	155	551	110	316	316	47
AK12-160-F	12	160	551	110	316	316	49
AK12-180-F	12	180	546	125	317	323	53
AK12-200-F	12	200	522	238	218	223	65



SMALL SIZE BATTERY

High Performance
Maintenance Free



SMALL SIZE BATTERY

APPLICATIONS

- TELECOMMUNICATION EQUIPMNT
- FIRE ALARM
- UPS POWER SUPPLY
- ELECTRONIC INSTRUMENTS
- SECURITY DEVICES
- EMERGENCY LIGHTING

FEATURES&BENEFITS

- NO NSPILLABLE.
- SEALED AND MAINTENANCE-FREE OPERATION.
- HIGHT QUALITY AND HIGH RELIABILITY.
- EXCEPTIONAL DEEP DISCHARGE RECOVERY.
- LOW SELF-DISCHARGE.
- LONG SERVICE LIFE.
- SOLID COPPER TERMINALS.
- TANK-FORMED PLATES.
- COMPUTER-AIDED DESIGN AND MANUFACTURING.
- UL, CE, VDS APPROVED.
- BMS SMART



SPECIFICATIONS

MODEL	VOLTAGE(V)	CAPACITY(AH)	LENGTH(MM)	WIDTH(MM)	(MM) HEIGHT(MM)	TOTALHEIGHT(MM)	GROSSWEIGHT(KGS)
AK4-4.5	4	4.5	48	48	102	108	0.58
AK4-10	4	10	102	44	95	101	1.15
AK6-4.0	6	4	70	47	101	107	0.66
AK6-4.5	6	4.5	70	47	101	106	0.72
AK6-4.5-S	6	4.5	70	47	101	107	0.76
AK6-5.0	6	5	70	47	101	107	0.78
AK6-7.0	6	7	151	34	94	100	1.08
AK6-9.0	6	9	151	34	94	100	1.4
AK6-10	6	10	151	50	94	100	1.55
AK6-12	6	12	151	50	94	100	1.65
AK12-1.2	12	1.2	97	43	52	58	0.59
AK12-2.3	12	2.3	178	35	61	67	0.8
AK12-2.6	12	2.6	70	47	99	105	0.75
AK12-2.8	12	2.8	70	47	99	105	0.78
AK12-2.8-S	12	2.8	70	47	99	105	0.82
AK12-3.5	12	3.5	90	70	101	107	1.32
AK12-4.0	12	4	90	70	101	107	1.38
AK12-4.0-S	12	4	140	48	102	102	1.5
AK12-4.5	12	4.5	90	70	101	107	1.45
AK12-5.0	12	5	90	70	101	107	1.55
AK12-6.5	12	6.5	152	52	94	99	1.9
AK12-7.0	12	7	151	65	94	100	2.05
AK12-7.2	12	7.2	151	65	94	100	2.15
AK12-8	12	8	151	65	94	100	2.26
AK12-9	12	9	151	65	94	100	2.4
AK12-10	12	10	151	98	95	101	3.1
AK12-12	12	12	151	98	95	101	3.45
AK12-14	12	14	151	98	95	101	3.65
AK12-17	12	17	181	77	167	167	5
AK12-18	12	18	181	77	167	167	5.2
AK12-20	12	20	181	77	167	167	5.6
AK12-24	12	24	166	175	125	125	8
AK12-24-A	12	24	166	125	175	182	8
AK12-26	12	26	166	175	125	125	8.4

MOTORCYCLE BATTERY

High Performance
Maintenance Free



Motorcycle Battery



- TOTALLY SEALED
- GAS RECOMBINANT ION TECHNOLOGY
- ONE-WAY PRESSURE VALVE WITH FLAME ARRESTOR
- HEAT SEALED CASE/COVER
- INCREASED PLATE TO CELL COMPRESSION
- BMS SMART

SPECIFICATIONS

Model	Nominal Voltage(V)	Capacity(AH)	Length(MM)	Width(MM)	Height(MM)	Total Height(MM)	Gross Weight(KGS)	Terminal Type
12N2.5-BS	12	2.5	80	77	104	104	1.10	D2
12N3-BS	12	3.0	98	56	109	109	1.25	D2
YTX4A-BS	12	4	114	70	88	88	1.4	D1
12N5A-BS	12	5	120	61	131	131	1.9	D2
YTX5A-BS	12	5	114	70	107	107	1.8	D1
12N6.5L-BS	12	6.5	138	66	101	101	1.8	D3
12N7M-BS	12	7	114	70	131	131	2.25	D1
12N7D-BS	12	7	136	77	124	124	2.5	D2
YTX7A-BS	12	7	151	86	94	94	2.45	D1
VT7	12	7	151	87	94	94	2.43	D1
12N9L-BS	12	9	137	77	133	133	2.65	D2
YTX9A-BS	12	9	151	86	107	107	2.6	D1
YTX12A-BS	12	12	150	85	131	131	3.5	D1
YTX14	12	12	150	87	145	145	4.16	D1
12N20-BS	12	20	177	87	154	154	4.25	D1
YT28	12	28	190	124	170	170	6.51	D1
YT32	12	32	180	125	165	165	6.8	D1

HIGH PERFORMANCE
MAINTENANCE FREE



SPECIFICATIONS

MODEL NUMBER	TERMINAL TYPE	WEIGHT	SIZE	OPTIONAL
6N4F-BS	- +	≤1.0KG	81x77x105mm	● ● ● ● ●
12N2.5-BS	- +	≤1.0KG	81x77x105mm	● ● ● ● ●
12N3-BS	- +	≤1.15KG	98x56x109mm	● ● ● ● ●
YTX4L-BS	- +	≤1.4KG	110x68x88mm	● ● ● ● ●
YTX5L-BS	- +	≤1.8KG	110x68x108mm	● ● ● ● ●
12N5A-BS	- +	≤1.9KG	120x60x125mm	● ● ● ● ●
12N6.5A-BS	- +	≤2.0KG	138x66x101mm	● ● ● ● ●
YTX7L-BS	- +	≤2.2KG	145x60x130mm	● ● ● ● ●
12N7A-BS	- +	≤2.2KG	145x60x130mm	● ● ● ● ●
12N9A-BS	- +	≤2.7KG	135x75x132mm	● ● ● ● ●
YTX7A-BS	- +	≤2.45KG	150x85x95mm	● ● ● ● ●
YTX9A-BS	- +	≤2.7KG	150x85x105mm	● ● ● ● ●
12N12A-BS	- +	≤3.5KG	150x85x130mm	● ● ● ● ●
12N14A-BS	- +	≤4.5KG	132x88x163mm	● ● ● ● ●

MOTORCYCLE BATTERY



6N4F-BS



12N2.5-BS



12N3-BS



YTX4L-BS



YTX5L-BS



12N5A-BS



12N6.5A-BS



YTX7L-BS



12N7A-BS



12N9A-BS



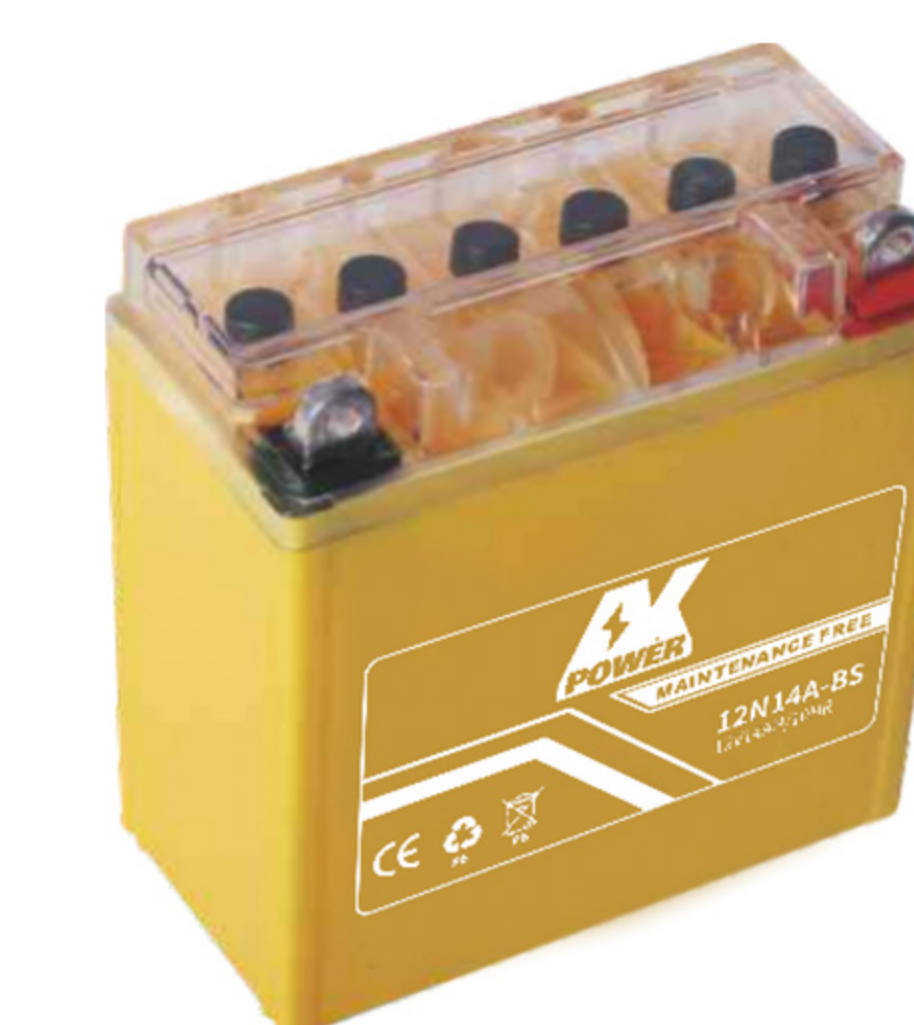
YTX7A-BS



YTX9A-BS



12N12A-BS



12N14A-BS