

2026



Lk-power®

**PORTABLE POWER STATION
AND
BATTERY POWERED WELDING MACHINE**



COMPANY INFORMATION

Suzhou LK Power Electronics Technology Co., Ltd. was established in 2015 and is located in Suzhou, Jiangsu Province. We are an innovative technology company deeply engaged in the new energy sector.

We specialize in the research and development, manufacturing, and marketing of portable energy storage products. Our mission is to create safe, efficient, and convenient mobile power storage solutions.



CERTIFICATIONS

2015

LK POWER

Founding: The founding team ventured into the innovative application niche market of new energy lithium batteries and established LK Power. LK Power is dedicated to helping people access electricity anytime, anywhere.



2017

Jump Starter

Brand Establishment: The LKPOWER brand was created, and in the same year, the first high-power automotive emergency Jump starter was launched, becoming a bestseller in leading markets such as Europe, the United States, and Australia.



2018

Cordless Welding Machine

Innovations: The world's first high-voltage portable welding machine was introduced, filling the gap in the outdoor mobile welding machine market.



2020

Mars

Product Launches: The world's first high-power portable mobile power station was released. The MARS series became a top-selling product in the industry.



2021

Brand going to sea

Digital Marketing: LK Power initiated a comprehensive digital marketing model, expanding the brand globally. It aims to become the top choice for users worldwide in the field of mobile power supply.



2026

Industry TOP1

Future Prospects: Aiming to become the industry's top brand.



• CE Certification



• ISO Certification



• FCC Certification



• IEC Certification



• UKCA Certification



• PSE Certification



• Global Trademarks for Two Brands



• High-Tech Enterprise
• Small and Medium-Sized Technology Enterprise
• Private Technology Enterprise



• Patent Applications: 80+
• Invention Applications: 30+
• Invention Authorizations: 10+

PORTABLE POWER STATION

Mode	Battery Type	Battery Capacity	AC Output Power	Weight	Page
M1000	LiFePO4	1004.8Wh	200w	8.9kg	4
M2000	LiFePO4	2009.6Wh	1000w	18kg	5
X300	LiFePO4	288Wh	300w	3.5kg	6
X600	LiFePO4	512Wh	600w	6kg	7
K1200	LiFePO4	1008Wh	1200w	13.1kg	8
K2400	LiFePO4	2160Wh	2400w	24kg	9
MARS Series	LiFePO4	960Wh/1536Wh/1920Wh	1000w/2000w/3000w	14.35kg/20.9kg/30.85kg	10
M3000	LiFePO4	2640Wh	3000w	29kg	11
M4000	LiFePO4	4244 Wh	2500w	50kg	12
M5000 Series	LiFePO4	5120 Wh/pack	5000w	60kg	13
M6000	LiFePO4	6681.6 Wh	6700w	78kg	14
G Series	LiFePO4	10240Wh/15360Wh	10kw/15kw	120kg/200kg	15

BATTERY POWERED WELDING MACHINE

Mode	Battery Type	Battery Capacity	Function	Weight	Page
LK-160MB MINI	NCM	216 Wh	MMA/MIG	4.5kg	16
LK-BW180	NCM	576 Wh	MMA/TIG/MIG	11kg	17
LK-160ML Series	NCM	1209.6 Wh	MMA/TIG/MIG	12kg	18
LK-180MF Series	LiFePO4	623.7 Wh	MMA/TIG/MIG	17.2kg	19
LK-180MX Series	LiFePO4	2496 Wh	MMA/TIG/MIG	26.5kg	20

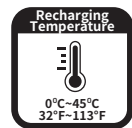
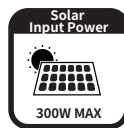
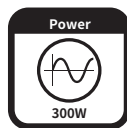
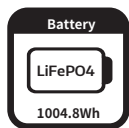
BATTERY POWERED WELDING MACHINE WITH AC OUTPUT

Mode	Battery Type	Battery Capacity	Function	AC Output Power	Weight	Page
LK-180MX Pro	LiFePO4	2640 Wh	MMA/TIG/MIG	1200w	28kg	21
M5018 Series	LiFePO4	5120 Wh/pack	MMA	5000w	60kg	22

DIY WELDING MACHINE (USE YOUR OWN BATTERY PACK)

Mode	Input Voltage	Function	Page
D-160MB MINI	40V	MMA/MIG	23
D-BW180	18V	MMA/TIG/MIG	23
D-160ML	40~60 V	MMA/TIG/MIG	23
D-250MX	60 ~ 90 V	MMA/TIG	23

M 1000



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	1004.8Wh
Battery Life Cycle	6000 times(70%SOC@25°C)
AC Wall Charging	5 hours
300W Solar Panel Charging	3.5 hours MAX
USB Port	5V/2A (2 Ports)
Rated AC output	200W (1Pc)
Weight	8.9 KG
Product dimensions(mm)	235*255*128
Protection Class	IP20
Certificates	CE, FCC,PSE, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- M1000 Main Unit
- AC Charger × 1
- MC4 to XT60 Adapter Cable × 1
- User Manual

LOADING TIME



Soy Milk Maker
200W
4h+



Refrigerator
100W
9h+



Laptop
70W
13h+

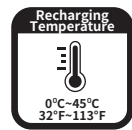
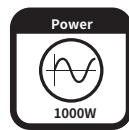
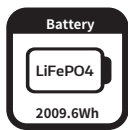


Drone
60WH
15times+



Smart Phone
10WH
90times+

M 2000



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	2009.6Wh
Battery Life Cycle	6000 times(70%SOC@25°C)
AC Wall Charging	2 hours
550W Solar Panel Charging	4 hours MAX
USB Port	5V/2A (2 Ports)
Rated AC output	1000W (3 Pcs)
Weight	18 KG
Product dimensions(mm)	360*255*147
Protection Class	IP20
Certificates	CE, FCC,PSE, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- M2000 Main Unit
- MC4 to XT60 Adapter Cable × 1
- AC Charging Cable × 1
- User Manual

LOADING TIME



Air Conditioner
1000W
2h+



Soy Milk Maker
300W
6h+



Refrigerator
100W
18h+



Laptop
70W
26h+

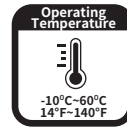
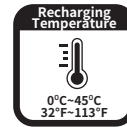
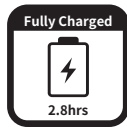
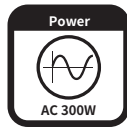
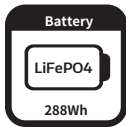


Drone
60WH
30times+



Smart Phone
10WH
180times+

X300



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	288Wh
Battery Life Cycle	2000 times
UPS	
AC Wall Charging	2.9 hours
Solar Panel Charging	2.9 hours Max
12V Car Lighter Port Charging	3.9 hours
24V Car Lighter Port Charging	2.9 hours
Cigarette Output	
USB Port	
USB-QC Port	18W (2 Ports)
USB-Type-C Port	PD 18W+PD 100W
DC Port	13.5V/ 10A (2 Ports)
LED Light	5W
Rated AC output	300W
Peak AC output	600W
Weight	3.5KG
Product dimensions(mm)	215*150*170
Protection Class	IP20
Certificates	CE, FCC, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- X300 Power station
- AC Charger
- Car Charger
- Cigarette-Lighter
- User Manual

LOADING TIME



Electric Frying Pan
160W
1.5h+



Electronic Cooker
90W
2.7h+



Car Fridge
60W
4.08h+



Car Vacuum Cleaners
60W
4.08h+

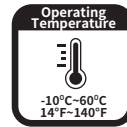
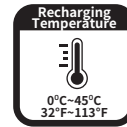
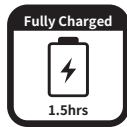
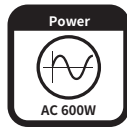
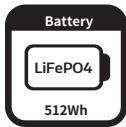


Electric Blanket
55W
4.5h+



Smart Phone
11WH
22times+

X600



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	512Wh
Battery Life Cycle	2000 times
UPS	Switching time≤10ms
AC Wall Charging	1.5 hours
Solar Panel Charging	3.7 hours
12V Car Lighter Port Charging	6 hours
24V Car Lighter Port Charging	3.7 hours
Cigarette Output	
USB Port	
USB-QC Port	18W (2 Ports)
USB-Type-C Port	PD 18W+PD 100W
DC Port	13.5V/ 10A (2 Ports)
LED Light	5W
Rated AC output	600W
Peak AC output	1200W
Weight	6KG
Product dimensions(mm)	250*195*180
Protection Class	IP20
Certificates	CE, FCC, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



• X600 Power station

• Car Charging Cable

• AC Cable

• User Manual

LOADING TIME



Car Refrigerator
550W
46.8 Min+



Blender
300W
1.45h+



Electric Frying Pan
160W
2.7h+



Electronic Cooker
90W
4.8h+

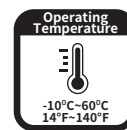
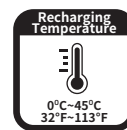
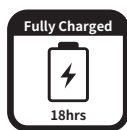
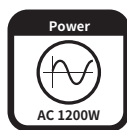
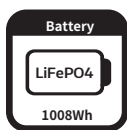


Car Vacuum Cleaners
60W
7.25h+



Smart Phone
11WH
39times+

K1200



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	1008Wh
Battery Life Cycle	2000 times
UPS	Switching time≤10ms
AC Wall Charging	2.18 hours
Solar Panel Charging	3.02 hours
12V Car Lighter Port Charging	9.12 hours
24V Car Lighter Port Charging	5.75 hours
Cigarette Output	13.5V/ 10A (1 Port)
USB Port	
USB-QC Port	18W (2 Ports)
USB-Type-C Port	PD 18W+PD 100W
DC Port	13.5V/ 10A (2 Ports)
LED Light	5W
Rated AC output	1200W
Peak AC output	2400W
Weight	13.1KG
Product dimensions(mm)	395*190*220
Protection Class	IP20
Certificates	CE, FCC, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- K1200 Power station
- AC Cable
- Car Charger
- User Manual

LOADING TIME



Hair Dryer
1200W
0.7h+



Instant Pot
1000W
0.8h+



Electric Grill
1150W
0.7h+



Kettle
850W
1h+



Micro-wave Oven
700W
1.2h+



Car Refrigerator
550W
1.5h+

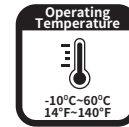
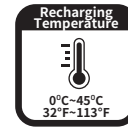
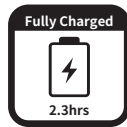
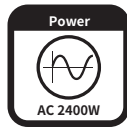
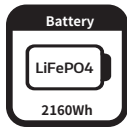


Blender
300WH
2.8h+



Smart Phone
11WH
76times+

K2400



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	2160Wh
Battery Life Cycle	2000 times
UPS	Switching time≤10ms
AC Wall Charging	2.3 hours
Solar Panel Charging	4 hours
12V Car Lighter Port Charging	20 hours
24V Car Lighter Port Charging	12 hours
Cigarette Output	13.5V/ 10A (1 Port)
USB Port	5V/ 2.4A (2 Ports)
USB-QC Port	18W (2 Ports)
USB-Type-C Port	PD 18W (2 Ports)+PD 100W (2 Ports)
DC Port	13.5V/ 10A (2 Ports)
LED Light	5W*2
Rated AC output	2400W
Peak AC output	4800W
Weight	24KG
Product dimensions(mm)	395*312*310
Protection Class	IP20
Certificates	CE, FCC, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- K2400 Power station
- AC Cable
- Car Charging Cable
- User Manual

LOADING TIME



Circular Saw
2200W
0.83h+



Hair Dryer
1200W
1.5h+



Instant Pot
1000W
1.8h+



Electric Grill
1150W
1.6h+



Kettle
850W
2.16h+



Micro-wave Oven
700W
2.6h+



Car Refrigerator
550W
3.3h+



Blender
300WH
6h+



Smart Phone
11WH
166times+

MARS SERIES

▼ Data is based on MARS II 3000W



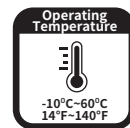
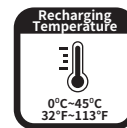
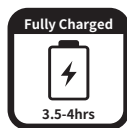
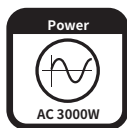
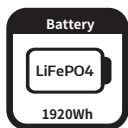
MARS I 1000W



MARS I PLUS 2000W



MARS II 3000W



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	1920Wh
Battery Life Cycle	4000 times
AC Wall Charging	7-8 hours(Standard), 3.5-4 hours (Rapid)
Solar Panel Charging	4-5h Max
12V Car Lighter Port Charging	15 - 16 hours
USB Port	5V/ 2.4A (2 Ports)
USB-QC Port	65W (Max)
USB-Type-C Port	PD 100W
Cigarette Lighter Port	12V/ 10A
DC Port	12V/ 10A (2 Ports)
LED Light	2W (2 Pcs)
Rated AC output	3000W
Peak AC output	6000W(in 200ms)
Weight	30.85KG
Product dimensions(mm)	418*245*390
Protection Class	IP21
Certificates	CE, FCC,PSE, RoHS, MSDS, UN38.3

STANDARD EQUIPMENT LIST



- MARS II 3000W
- Quick Charger
- AC Power Cord
- Manual

Optional Accessories

- MPPT Solar Controller
- Fuse
- Solar Panel



LOADING TIME



Welder
3300W
0.5h+



Circular Saw
2200W
0.8h+



Air Conditioner
1000W
1.9h+



Coffee Maker
800W
2.4h+



Refrigerator
100W
19.2h+



Laptop
70W
27.4h+

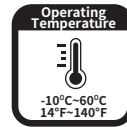
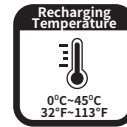
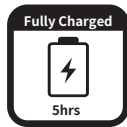
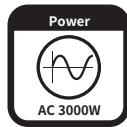
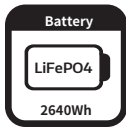


Drone
60WH
32times+



Smart Phone
10WH
192times+

M 3000



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	2640Wh
Battery Life Cycle	3000 times
AC Wall Charging	5 hours
Solar Panel Charging	6.5 hours Max
USB Port	5V/2.4A (2 Ports)
USB-QC Port	65W (Max)
USB-Type-C Port	PD 100W
Cigarette Output	12V/10A
DC5521 Port	12V/10A (2 Ports)
LED Lighting Mode	Strong light /Low light /SOS
Rated AC output	3000W
Peak AC output	6000W (in 200ms)
Weight	29KG
Product dimensions(mm)	390*245*381
Protection Class	IP21
Certificates	CE, FCC,PSE, ROHS,MSDS, UN38.3

STANDARD EQUIPMENT LIST



- M 3000
- Quick Charger
- AC Power Cord
- Manual

Optional Accessories

- MPPT Solar Controller
- Fuse
- Solar Panel



LOADING TIME



Welder
3300W
0.7h+



Circular Saw
2200W
1.1h+



Air Conditioner
1000W
2.4h+



Coffee Maker
800W
3.1h+



Refrigerator
100W
24.9h+



Laptop
70W
35.6h+

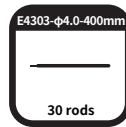
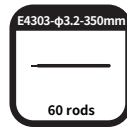
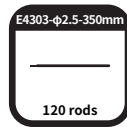
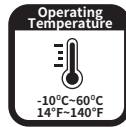
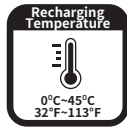
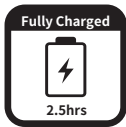
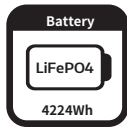


Drone
60WH
41times+



Smart Phone
10WH
249times+

M 4000



TECHNICAL DATA

Battery Type	LiFePO4
Battery Capacity	4224 Wh (76.8 V/55 Ah)
Battery Life Cycle	4000 times
Rated input voltage	200~240V
Rated input Current	Fast charging (20A) / standard charging (10A), switchable
AC Maximum input power	2200 W
AC charging time	2.5 hours
AC Rated output power	2500 W
AC Peak output power	5000 W
DC Rated output voltage	76.8 Vdc
DC Output voltage range	60~87.6 Vdc
DC Rated output current	55 A
DC Rated output power	4224 W
Light	Support
Weight	50 KG
Product dimensions(mm)	657*418*564

STANDARD EQUIPMENT LIST



- M 4000
- AC Power Cord
- Manual

LOADING TIME



Welder
3300W
1.1h+



Circular Saw
2200W
1.7h+



Air Conditioner
1000W
3.8h+



Coffee Maker
800W
4.7h+



Refrigerator
100W
38h+



Laptop
70W
54h+



Drone
60WH
63times+



Smart Phone
10WH
380times+

M5000 SERIES

▼ Data is based on M5000



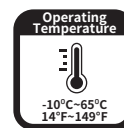
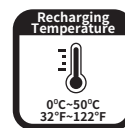
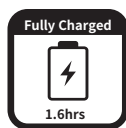
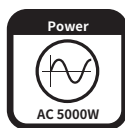
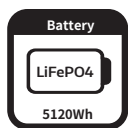
M5000



M5000 PRO



M5000 PLUS



TECHNICAL DATA

Battery type	LiFePO4
Capacity	5120 Wh
Product dimensions (mm)	590*400*285
Main body weight	15KG
Machine dimensions (mm)	590*400*125
Battery Pack Weight	45KG
Battery dimensions (mm)	590*400*160
Cycle life	3000 times
Rated input power	3300 W
Input voltage range	180~240 V
Input voltage frequency	50/60 Hz
Rated output power	5 KW
Peak output power	10 KW
AC charging time	1.6 hours
PV charging time	1.25 hours(@5500W)
Individual Battery Pack AC charging time	6~7 hours

STANDARD EQUIPMENT LIST



- M5000 Main Unit
- AC Charger
- Manual

Optional Accessories

- PV Charger
- Solar Panel
- Single Pack Charger
- Floodlight
- Push Cart



LOADING TIME



Welder
3300W
1.5h+



Circular Saw
2200W
2.3h+



Angle Grinder
500W
10h+



Heater
2000W
2.5h+



Air Conditioner
1000W
5h+



fan
150W
34h+

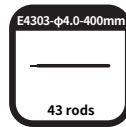
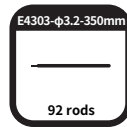
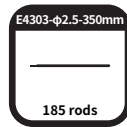
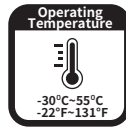
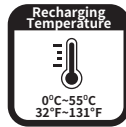
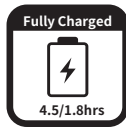
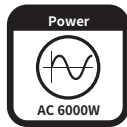
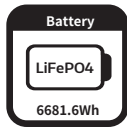


Refrigerator
100W
51h+



Smart Phone
10WH
512times

M6000



TECHNICAL DATA

Battery type	LiFePO4
Rated capacity	6681.6 Wh
Product dimensions(mm)	541*367*534
Net weight	78 KG
Cycle life	3000 times
DC rated output voltage	76.8 Vdc
DC output voltage range	60~87.6 Vdc
DC rated output current	87 A
DC rated output power	6700 W
AC rated output voltage	230 Vac
AC output waveform	Pure sine wave
AC rated output power	6 KW
AC peak output power	12 KW
AC rated output current	27A
Output frequency	50 Hz
AC rated input voltage	200~240 Vac
AC max input current	10A
AC max input power	2200 W
AC charging current	20A
AC charging time	4.5 h
PV input voltage range	100~500 Vdc
MPPT voltage range	120~450 Vdc
PV max input power	4.5 KW
PV charging time	1.8 h

STANDARD EQUIPMENT LIST



- M5000 Main Unit
- AC Charger
- Manual

Optional Accessories

- PV Charger
- Single Pack Charger
- Solar Panel



LOADING TIME



Welder
3300W
2h+



Circular Saw
2200W
3h+



Angle Grinder
500W
13h+



Heater
2000W
3h+



Air Conditioner
1000W
6.5h+



fan
150W
44h+



Refrigerator
100W
66h+



Smart Phone
10WH
668times

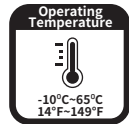
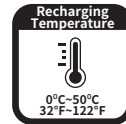
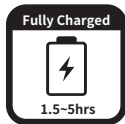
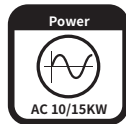
G SERIES



G1010
10240Wh/15360Wh



G1515
15360Wh



TECHNICAL DATA

Battery type	LiFePO4
Capacity	10240 Wh / 15360 Wh
Weight	120 KG
Cycle life	3000 times
Pooled function	Support
Rated input current	32 A
Rated input power	7 KW
Input voltage range	180~240 V
Rated output power	10 KW / 15 KW
Peak output power	20 KW / 30KW
AC charging time	1.5 hours / pack
PV charging time	2 hours / pack
Individual Battery Pack AC charging time	3.5 hours

STANDARD EQUIPMENT LIST



• G1010 Main Unit • AC Charger • Manual

Optional Accessories

- PV Charger
- Solar Panel
- Single Pack Charger
- Floodlight
- Push Cart



LOADING TIME



Welder
3300W
4.5h+



Circular Saw
2200W
6.9h+



Angle Grinder
500W
30h+



Heater
2000W
7.5h+



Air Conditioner
1000W
15h+



fan
150W
102h+

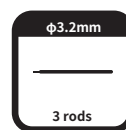
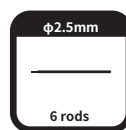
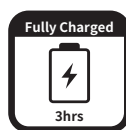
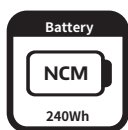


Refrigerator
100W
153h+



Smart Phone
10WH
1536times

LK-160MB MINI



TECHNICAL DATA

Battery type	NCM
Capacity	240 Wh
Cycle life	500 Times (DOD 60%)
Input voltage range	100~240 V AC
Input voltage frequency	50/60 Hz
AC Charging Time	3 hours (@ 42W)
Product dimensions(mm)	282*165*187

MMA

Welding current range	20~130 A
Rated output voltage	24.8 V
No-load voltage	60~80 V
Supports	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

NO GAS MIG

Welding current range	50~160 A
Wire feed speed	2~8 m/min
Wire feeder type	Handheld
Welding wire diameter	0.6~1.0 mm
Welding wire type	Flux-cored wire

STANDARD EQUIPMENT LIST



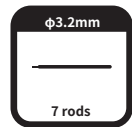
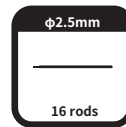
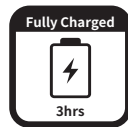
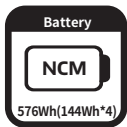
- LK-160MB Mini Main Unit
- Battery Pack (2 units)
- Ground Clamp
- Welding Cable
- Charger (2 units)
- Shoulder Strap

Optional Accessories

- MIG Spool Gun



LK-BW180



TECHNICAL DATA

Battery type	NCM
Capacity	576 Wh (144 Wh *4)
Cycle life	500 times (DOC 60%)
Input voltage range	100~240 V AC
Input voltage frequency	50/60 Hz
Rated output power	48 W
AC charging time	3.0 hrs
Product dimensions(mm)	435*185*324

MMA

Welding current range	20~160 A
Rated output voltage	26.4 V
No-load voltage	60~80 V
Reduced No-Load Voltage	18 V
Supports	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

TIG

Welding current range	50~180 A
Welding wire diameter	1.0~3.0 mm
Arcing way	LIFT

MIG

Welding current range	50~180 A
Wire feed speed	2~8 m/min
Wire feeder type	Handheld
Welding wire diameter	0.6~1.0 mm
Welding wire type	Flux-cored wire

STANDARD EQUIPMENT LIST



- LK-BW180
- Ground Clamp
- Welding Cable
- Charger *2

Optional Accessories

- TIG Welding Torch
- MIG Spool Gun



LK-160ML SERIES

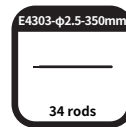
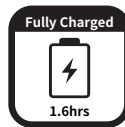
▼ Data is based on LK-160ML



LK-160SL



LK-160ML



TECHNICAL DATA

Battery type	NCM
Capacity	1209.6 Wh
Cycle life	500 times (DOC 60%)
Input voltage range	180~240 V, 1 Phase
Input voltage frequency	50/60 Hz
Rated output power	756 W
AC charging time	1.6hours
Product dimensions(mm)	360*164*279

MMA

Welding current range	20~130 A
Rated output voltage	25.2 V
No-load voltage	40~60 V
Duty cycle	77% @130A / 100% @100A
Supports	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

TIG

Welding current range	30~160 A
Welding wire diameter	1.0~2.0 mm
Arcing way	LIFT

NO GAS MIG

Welding current range	50~160 A
Wire feed speed	2~8 m/min
Wire feeder type	Handheld
Welding wire diameter	0.6~1.0 mm
Welding wire type	Flux-cored wire

STANDARD EQUIPMENT LIST



- LK-160ML Main Unit
- LP1210 Battery Pack (1 unit)
- Ground Clamp
- Welding Cable
- AC Charger
- Shoulder Strap

Optional Accessories

- TIG Welding Torch
- MIG Spool Gun



LK-180MF SERIES

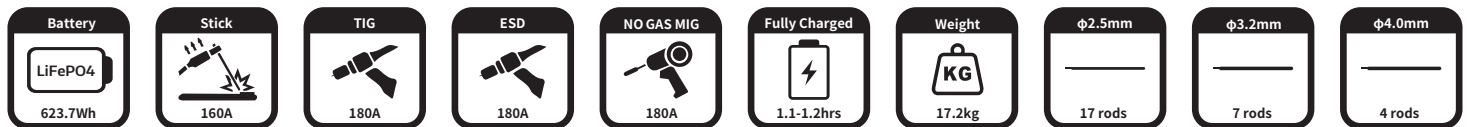
▼ Data is based on LK-180MF



LK-160SF



LK-180MF



TECHNICAL DATA

Battery type	LiFePO4
Capacity	623.7 Wh (49.5 V/12.6 Ah)
Cycle life	2000 Times
Input voltage range	100~240V
Input voltage frequency	50/60 Hz
AC Charging Time	1.1~1.2 hours (@ 530W)
PV Charging Time	About 1.5 hours (@ 400W)
Car Charging Time	About 5.5 hours(@ 12V) / About 2.7 hours (@ 24V)
Product dimensions(mm)	437*211*374

MMA

Welding current range	20~160 A
Rated output voltage	26.4 V
No-load voltage	40~53 V
Duty cycle	78% @160A / 89% @140A / 100% @120A
Supports	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

TIG

Welding current range	30~180 A
Welding wire diameter	1.0~3.0 mm
Arcing way	LIFT & HF

ESD

Welding current range	50~180 A
Welding mode	Single spot / Continuous spot
Welding frequency range	0~20 Hz

NO GAS MIG

Welding current range	50~180 A
Wire feed speed	3~10 m/min
Wire feeder type	Handheld
Welding wire diameter	0.8~1.0 mm
Welding wire type	Flux-cored wire

STANDARD EQUIPMENT LIST



Optional Accessories

- Solar Charging Cable
- TIG Welding Torch
- MIG Spool Gun
- Solar Panel



LK-180MX SERIES

▼ Data is based on LK-180MX

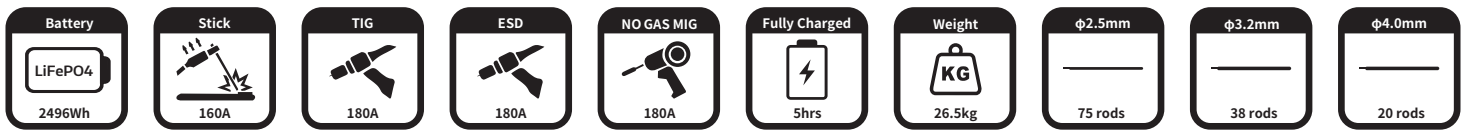
* Supports External 2496Wh Battery Pack



LK-160SX



LK-180MX



TECHNICAL DATA

Battery type	LiFePO4
Capacity	2496 Wh (48 V/52 Ah)
Cycle life	2000 Times
Input voltage range	100~240V
Input voltage frequency	50/60 Hz
AC Charging Time	5 hours (@ 530W)
PV Charging Time	About 7 hours (@ 400W)
Product dimensions(mm)	599*211*374

MMA

Welding current range	20~160 A
Rated output voltage	26.4 V
No-load voltage	40~53 V
Duty cycle	65% @160A / 80% @140A / 100% @120A
Supports	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

TIG

Welding current range	30~180 A
Welding wire diameter	1.0~3.0 mm
Arcing way	LIFT & HF

ESD

Welding current range	50~180 A
Welding mode	Single spot / Continuous spot
Welding frequency range	0~20 Hz

NO GAS MIG

Welding current range	50~180 A
Wire feed speed	3~10 m/min
Wire feeder type	Handheld
Welding wire diameter	0.8~1.0 mm
Welding wire type	Flux-cored wire

STANDARD EQUIPMENT LIST



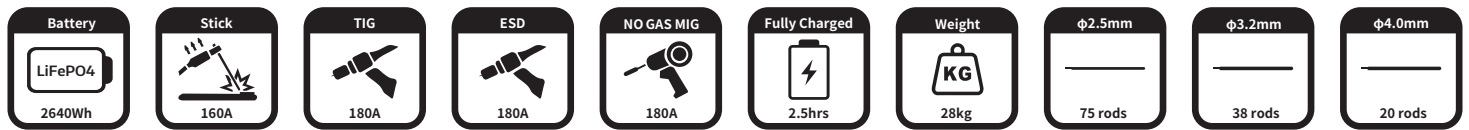
- LK-180MX Unit
- AC Power Cord
- AC Charger
- Welding Cable
- Ground Clamp
- Shoulder Strap
- Manual

Optional Accessories

- MPPT Solar Controller
- TIG Welding Torch
- MIG Spool Gun
- Solar Panel



LK-180MX PRO



TECHNICAL DATA

Battery type	LiFePO4
Capacity	2640 Wh (48 V/55 Ah)
Cycle life	2000 Times
Input voltage range	100~240V
Input voltage frequency	50/60 Hz
AC Charging Time	2.5 hours (@ 1200W)
PV Charging Time	About 7 hours (@ 400W)
Product dimensions(mm)	700*330*515

MMA

Welding current range	20~160 A
Rated output voltage	26.4 V
No-load voltage	40~53 V
Duty cycle	65% @160A / 80% @140A / 100% @120A

TIG

Welding current range	30~180 A
Welding wire diameter	1.0~3.0 mm
Arcing way	LIFT & HF

ESD

Welding current range	50~180 A
Welding mode	Single spot / Continuous spot
Welding frequency range	0~20 Hz

NO GAS MIG

Welding current range	50~180 A
Wire feed speed	3~10 m/min
Wire feeder type	Handheld
Welding wire diameter	0.6~1.0 mm
Welding wire type	Flux-cored wire

AC OUTPUT

Rated output voltage	220V
Rated output power	1200w *2
Peak output power	2400w

STANDARD EQUIPMENT LIST



- LK-180MX Unit
- AC Power Cord
- Welding Cable
- Ground Clamp
- Shoulder Strap
- Manual

Optional Accessories

- MPPT Solar Controller
- TIG Welding Torch
- MIG Spool Gun
- Solar Panel



M5018 SERIES

▼ Data is based on M5018



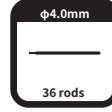
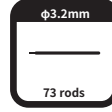
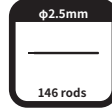
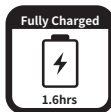
M5018



M5018 PRO



M5018 PLUS



TECHNICAL DATA

Product dimensions (mm)	590*400*285
Battery type	LiFePO4
Capacity	5120 Wh
Main body weight	15KG
Machine dimensions (mm)	590*400*125
Battery Pack Weight	45KG
Battery dimensions (mm)	590*400*160
Cycle life	3000 times
Battery parallel	Support (Expandable to 15,360 Wh)
Rated input current	15 A
Rated input power	3300 W
Input voltage range	180~240 V
Input voltage frequency	50/60 Hz
Rated output power	5 KW
Peak output power	10 KW
AC charging time	1.6 hours
PV charging time	1.25 hours(@5500W)
Individual Battery Pack AC charging time	6~7 hours

MMA

Welding current range	20~180 A
Rated output voltage	27.2 V
No-load voltage	45~55 V
Duty cycle	60% @180A / 80% @160A / 100% @140A
Support	Arc force adjustment, Soft start adjustment, Hot start adjustment, VRD, Spot welding, Anti-stick

TIG

Welding current range	30~200 A
Welding wire diameter	1.0~3.0 mm
Arcing way	LIFT
Welding Mode	TIG-DC

STANDARD EQUIPMENT LIST



- M5018 Main Unit
- Ground Clamp
- Welding Cable
- AC Charger
- Manual

Optional Accessories

- PV Charger
- Solar Panel
- Single Pack Charger
- Floodlight
- Push Cart



D-160MB MINI / D-BW180 D-160ML / D-250MX

* Please contact our sales personnel for detailed specifications on customized items.

D-160MB MINI



Require Single battery pack voltage: 40V

D-BW180



Require Single battery pack voltage: 18V

D-160ML



Input voltage range: 40 ~ 60 Vdc

D-250MX



Input voltage range: 60 ~ 90 Vdc



High-altitude Operations



Truck Modifications



Road Construction



Railroad Maintenance



Emergency Rescue



Factory Inspections



Pipeline Welding



Agricultural Machinery Repair



Greenhouse Welding



Fence Maintenance

Lk-power®

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