

2005

CTECHi Technology International Limited

2015

ISO9001:2008

2016

5KW home energy storage battery

2018

Europe office  
All product adopt LiFePO4 battery

## OUR STORY

2022

Industry standard development  
US office

2021

Shenzhen CTECHI technology  
AC,DC,BMS,MPPT all-in-one

2020

HunanCTECHi Industrial Park

2019

ISO9001:2015

Shenzhen CTECHI Technology Co., Ltd., with 19 years of dedication to the energy storage industry, offers comprehensive one-stop battery services and solutions. Specializing in industrial, consumer, and home energy storage, we excel in independent design, R&D, manufacturing, marketing, and technical support. Our production sites in Shenzhen and Hunan provide a full spectrum of energy storage products. Backed by proficient global technical and marketing teams, CTECHI is committed to stringent product production, rigorous quality control, precise testing, and recognized international certifications to ensure peak product quality.

Our innovative drive aims to make energy storage a household essential, expanding our reach across the globe and establishing us as a core industry influencer.

2 | PRODUCTION BASE | 300+ | TECHNICIANS | 528 | TESTS | 24 | HOUR SERVICE



# PORTABLE POWER STATION

OEM-Welcome | ODM-Acceptable | Distributor-Wanted | SKD (Semi Knock Down) Service



150-15000W 150-15000Wh

**CTECHi**  
CREATIVE TECH INNOVATION

Exclusive  
**BI-DIRECTION**  
Integrating Inverter

Smart  
**UPS**  
Backup mode

Fully charged  
**2 HOURS**  
With 1200W Input  
(2074Wh)

# Twila Series



## GT280

LiFePO4



### POWER 280W CAPACITY (Wh)

Peak Power 480W 192/ 230/ 307/ 384

Life Cycle:	3500(85%)
USB Output:	QC3.0*2: (18W) Max
USB-C Input/Output:	PD&QC3.0*1: (60W) Max
DC Output:	DC5521*2 (120W) Max
AC Output:	220V-240V (50Hz) 100-120V ((50Hz /60Hz))
DC Input:	20V≐3A, 60W(7909)
Solar /Car Charge:	12V-29V≐4A Max
weight:	2.6/ 3.1/ 3.6/ 4kg
Size:	242 x 88 x 205mm

## GT500

LiFePO4



### POWER 500W CAPACITY (Wh)

Peak Power 1000W 345/ 518

Life Cycle:	3500(85%)
USB Output:	USB-A*3 (Total 30W)
USB-C Input/Output:	PD*1: (60W) Max
DC Output:	12V≐10A (120W Max)
AC Output:	220V-240V (50Hz ) 100-120V (50Hz /60Hz)
DC Input:	27V≐4.5A, 121.5W
Solar /Car Charge:	12V-29V≐4.5A Max
weight:	6.6/ 7kg
Size:	284 x 161 x 230mm

## GT800

LiFePO4



### POWER 800W CAPACITY (Wh)

Peak Power 1600W 518/ 576/ 864

Life Cycle:	3500(85%)
USB Output:	USB-A*2 (18W)
USB-C Output:	PD*1: (30W Max) PD*1: (100W Max)
Cigar lighter output:	12V≐10A (120W Max)
AC Input:	300W
Solar /Car Charge:	12V≐29V (180W Max)
weight:	7/ 7/ 8.7kg
Size:	320 x 175 x 243mm

## GT1500

LiFePO4



### POWER 1500W CAPACITY (Wh)

Peak Power 2500W 1008/ 1209

Life Cycle:	3500(85%)
USB Output:	USB-A*3: (Total 30W) Max
USB-C Output:	PD*1: (60W) Max
Cigar lighter output:	12V≐10A (120W Max)
AC Output:	220V-240V (50Hz ) 100-120V (50Hz /60Hz)
DC Input:	27V≐8.5A, 220W (7909)
Solar /Car Charge:	12V-29V≐8A Max
weight:	14.9/ 17kg
Size:	400 x 210 x 290mm

## GT2000

LiFePO4



### POWER 2000W CAPACITY (Wh)

Peak Power 4000W 1296 / 1440

Life Cycle:	3500(85%)
USB-A Output:	USB-A*2: ( 18W Max )
USB-C Output:	PD*1: (30W Max ) PD*1: (100W Max )
DC Output:	Cigar lighter*1 DC5521*2 (total 12V≐10A,120W Max)
AC Output:	220V-240V (50Hz ) 100-120V (50Hz /60Hz)
AC Input:	1200W
Solar /Car Charge:	12V-65V≐20A Max
weight:	14.9/ 17kg
Size:	400 x 210 x 294mm

Twila Series



Twila Series





# Cosmos Series



## GT200

LiFePO4

### POWER 200W

Peak Power 400W

### CAPACITY (Wh)

192/ 230/ 307

Life Cycle: 3500(85%)  
 USB Output: QC3.0\*2: (18W) Max  
 USB-C Input/Output: PD&QC3.0\*1: (60W) Max  
 DC Output: DC5521\*2 (120W) Max  
 AC Output: 220V~240V (50Hz )  
 100~120V (50Hz /60Hz)

DC Input: 20V=3A, 60W(7909)  
 Solar /Car Charge: 12V-29V=4A Max  
 weight: 3.1/ 3.6/ 4kg  
 Size: 242 x 88 x 205mm



## GT300

LiFePO4

### POWER 300W

Peak Power 450W

### CAPACITY (Wh)

230/ 307

Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: (12W) Max  
 USB-C Output: PD&QC3.0\*1: (30W) Max  
 Cigar lighter output: 12V=10A (120W Max)  
 AC Output: 220V~240V (50Hz )  
 100~120V (50Hz /60Hz)

DC Input: 15V=4A, 60W  
 Solar /Car Charge: 12V-29V=4A Max  
 weight: 3.82/ 4.4kg  
 Size: 257 x 160 x 165mm



## GT600

LiFePO4

### POWER 600W

Peak Power 1200W

### CAPACITY (Wh)

384/ 460/ 576/ 691

Life Cycle: 3500(85%)  
 USB Output: QC3.0\*2: (18W) Max  
 USB-C Output: PD&QC3.0\*1: (60W) Max  
 Cigar lighter output: 12V=10A (120W Max)  
 AC Output: 220V~240V (50Hz )  
 100~120V (50Hz /60Hz)

DC Input: 20V=6A, 120W  
 Solar /Car Charge: 12V-29V=6A Max  
 weight: 5.2/ 7.8/ 6.4/ 7.8kg  
 Size: 298 x 174 x 193mm



## ST1600

LiFePO4

### POWER 1600W

Peak Power 2500W

### CAPACITY (Wh)

1152/ 1536

Life Cycle: 3500(85%)  
 USB Output: USB-A\*2 (18W Max)  
 USB-C Output: PD&QC3.0\*1: (30W Max)  
 Cigar lighter output: 12V=10A (120W Max)  
 AC Output: 220V~240V (50Hz )  
 100~120V (50Hz /60Hz)

AC Input: 500W  
 Solar /Car Charge: 12V-29V=8A Max  
 weight: 16.4/ 18.4kg  
 Size: 363 x 234 x 291mm



## ST2000

LiFePO4

### POWER 2200W

Peak Power 4000W

### CAPACITY (Wh)

1440/ 1536/2073/2160

Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: 18W Max  
 USB-C Output: PD&QC3.0\*1: 20V=1.35A (30W) Max  
 PD&QC3.0\*1: 20V=5A (100W) Max  
 Cigar lighter output: 12V=10A (120W Max)  
 DC Output: DC 5521\*2 (120W Max)

AC Output: 220V-240V (50Hz )  
 100~120V (50Hz /60Hz)  
 AC Input: 1200W  
 Solar /Car Charge: 12V-65V=20A Max  
 weight: 23.1/ 27.6kg  
 Size: 411 x 260 x 355mm



## ST3000

LiFePO4

### POWER 3000W

Peak Power 6000W

### CAPACITY (Wh)

1440/ 1536/2073/2160

Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: QC3.0 (18W) Max  
 USB-C Output: PD&QC3.0\*1: (100W) Max  
 PD&QC3.0\*1: (30W) Max  
 Cigar lighter output 12V=10A (120W Max)

AC Input: 220V-240V (50Hz )  
 100~120V (50Hz /60Hz)  
 Input power grid: 1200W  
 Solar /Car Charge: 12V-65V=20A Max  
 weight: 23.6/ 28.1kg  
 Size: 411 x 260 x 355mm

Cosmos Series



Cosmos Series





# Lon Series



## BT300

LiFePO4

### POWER 300W

Peak Power 450W

### CAPACITY (Wh)

192/ 230/ 345/384



Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: (12W) Max  
 USB-C Output: PD&QC3.0\*1: (30W) Max  
 Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz /60Hz)  
 DC Input: 15V=4A, 60W  
 Solar /Car Charge: 12V-29V=4A Max  
 weight: 3.9/ 4.45/ 5.1/ 5.6kg  
 Size: 250 x 155 x 176mm

## BT600

LiFePO4

### POWER 600W

Peak Power 1200W

### CAPACITY (Wh)

460/ 576/ 691



Life Cycle: 3500(85%)  
 USB Output: QC3.0\*2: (18W) Max  
 USB-C Output: PD&QC3.0\*1: (60W) Max  
 Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz /60Hz)  
 DC Input: 20V=6A, 120W  
 Solar /Car Charge: 12V-29V=6A Max  
 weight: 8.5/ 7.3/ 8.5kg  
 Size: 270 x 182 x 190mm

## BT800

LiFePO4

### POWER 800W

Peak Power 1600W

### CAPACITY (Wh)

518/ 576



Life Cycle: 3500(85%)  
 USB Output: USB-A\*1 (18W) Max  
 USB-C Output: PD&QC3.0\*1: (30W) Max  
 PD&QC3.0\*1: (100W) Max  
 Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz /60Hz)  
 DC Input: 300W  
 Solar /Car Charge: 12V-29V=8A Max  
 weight: 8.1/ 8.1kg  
 Size: 299 x 188 x 192mm

Lon Series



## BT1200

LiFePO4

### POWER 1200W

Peak Power 2400W

### CAPACITY (Wh)

1008



Life Cycle: 3500(85%)  
 USB Output: USB-A\*3: (30W) Max  
 USB-C Output: PD&QC3.0\*1: (60W) Max  
 Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz/60Hz)  
 AC Input: 500W Max  
 Solar /Car Charge: 12V-29V=8A Max  
 weight: 14.35kg  
 Size: 358 x 247 x 216mm

## BT2200

LiFePO4

### POWER 2200W

Peak Power 4000W

### CAPACITY (Wh)

1382/1440/1536/2073/2160



Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: 18W Max  
 USB-C Output: PD&QC3.0\*1: 20V=1.35A (30W) Max  
 PD&QC3.0\*1: 20V=5A (100W) Max  
 Cigar lighter output 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz/60Hz)  
 AC Input: 1200W  
 Solar /Car Charge: 12V-65V=20A Max  
 weight: 19.4/ 23.9kg  
 Size: 552 x 380 x 351mm

## BT3600

LiFePO4

### POWER 3600W

Peak Power 5000W

### CAPACITY (Wh)

1440/ 2160



Life Cycle: 3500(85%)  
 USB Output: USB-A\*2: (18W) Max  
 PD&QC3.0\*1: 20V=1.35A (30W) Max  
 PD&QC3.0\*1: 20V=5A (100W) Max  
 Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)  
 100-120V (50Hz /60Hz)  
 AC Input: 2800W  
 Solar /Car Charge: 12V-100V=20A Max  
 weight: 20.4/ 24.9kg  
 Size: 552 x 380 x 351mm

Lon Series





# HIGH CAPACITY

Moving-home energy storage



## PT2000

LiFePO4

**POWER 2200W**  
Peak Power 4000W

**CAPACITY (Wh)**  
5324

Life Cycle:	3500(85%)	AC Output:	220V-240V/50Hz
USB Output:	USB-A1*2: 12W MAX USB-A2*4: QC3.0(24W) MAX	Input power grid:	100-120V (50Hz /60Hz)
USB-C Output:	PD&QC3.0*2: 60W MAX	Solar /Car Charge:	12V-65V=20A
DC Output:	12V=10A*4	weight:	65kg
		Size:	445 x 278 x 622mm



## PT3600

LiFePO4

**POWER 3600W**  
Peak Power 5000W

**CAPACITY (Wh)**  
2880/ 4992/ 5040

Life Cycle:	3500(85%)	Input power grid:	2800W
USB Output:	USB-A1*2: QC3.0(24W) MAX	Solar /Car Charge:	12V-100V=20A
USB-C Output:	PD&QC3.0: 30W MAX	weight:	55/ 66/ 67kg
AC Output:	220V-240V/50Hz 100-120V (50Hz /60Hz)	Size:	445 x 278 x 622mm



## DT5000

LiFePO4

**CAPACITY (Wh)**  
2880/ 4992/ 5040

Life Cycle:	3500(85%)	Input power grid:	1000W
USB Output:	USB-A1*2: QC3.0(24W) MAX	Solar /Car Charge:	12V-100V=20A MAX
USB-C Output:	PD&QC3.0: 30W MAX	weight:	55/ 66/ 67kg
DC Output:	48V=75A	Size:	445 x 278 x 622mm



CTECH  
CREATIVE TECH INNOVATION

# FOLD SOLAR PANELS

There is sunny ,there is power



## SP-100

FOLD SOLAR PANELS

**POWER**  
100W

Conversion rate:	23%	USB-C Output	PD (45W)
Rging cord:	DC 5521	Unfold size:	1315 x 535 x 6mm
USB-A Output:	5V=3A (MAX)	Fold size:	660 x 535 x 38mm
USB-A Output:	QC3.0 (18W)	weight:	4.5kg



## ST-200

FOLD SOLAR PANELS

**POWER**  
200W

Conversion rate:	23%	Fold size:	655 x 535 x 50mm
Rging cord:	MC4 Output:	weight:	7.5kg
Unfold size:	2435 x 535 x 6mm		



## ST-300

FOLD SOLAR PANELS

**POWER**  
300W

Conversion rate:	23%	Fold size:	910 x 710 x 25mm
Rging cord:	MC4 Output:	weight:	11.8kg
Unfold size:	2080 x 910 x 20mm		

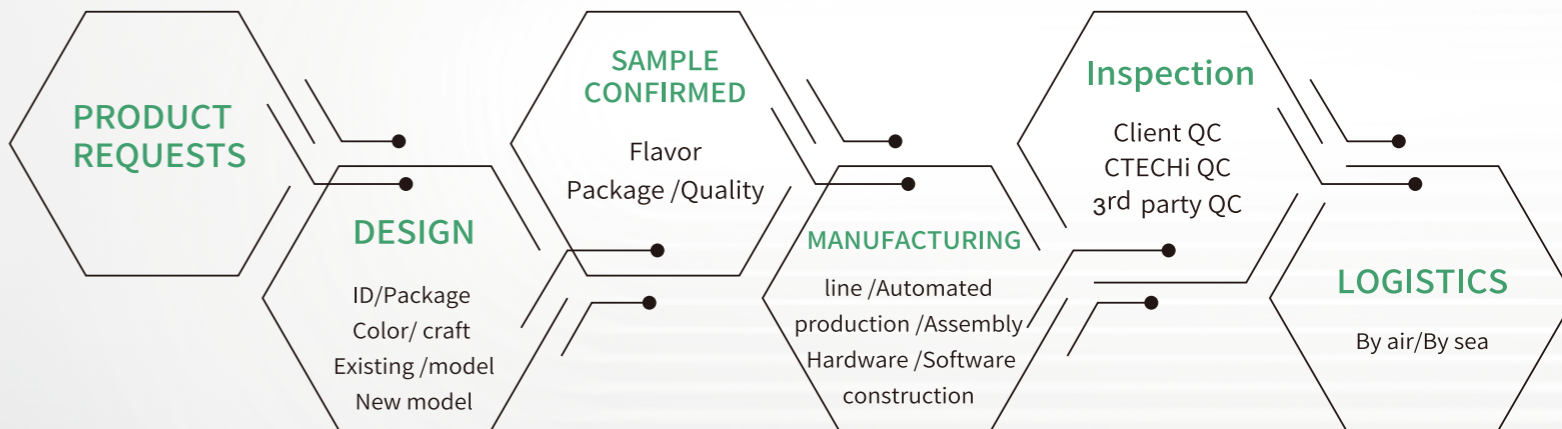


# DUAL PRODUCTION BASE

CTECHi had established factories over 100,000m<sup>2</sup> square meters in Shenzhen and CTECHi Industrial Park in Hunan.



## ONE STOP ENERGY SOLUTION



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