



HINAESS

Together For A Blue Future



Together For a Blue Future



- 
- 
- **01**
Handy Parallel
Up to 32pcs without extra parts needed
 - **02**
Robust Application
Second-level protection to avoid over discharge
 - **03**
Remote Maintenance
Quick remote update/restart/monitor/control
 - **04**
Auto Addressing
Auto detect master/slave, no dips struggles
 - **05**
Local Update
Handy local update when wifi is absent

BEST OF ITS CLASS

Say Goodbye to blackouts
Save BIG and cut energy bills



Stackable / Wall-mount / Rack-mount / Wheels options available

PowerStack HV 45 kWh

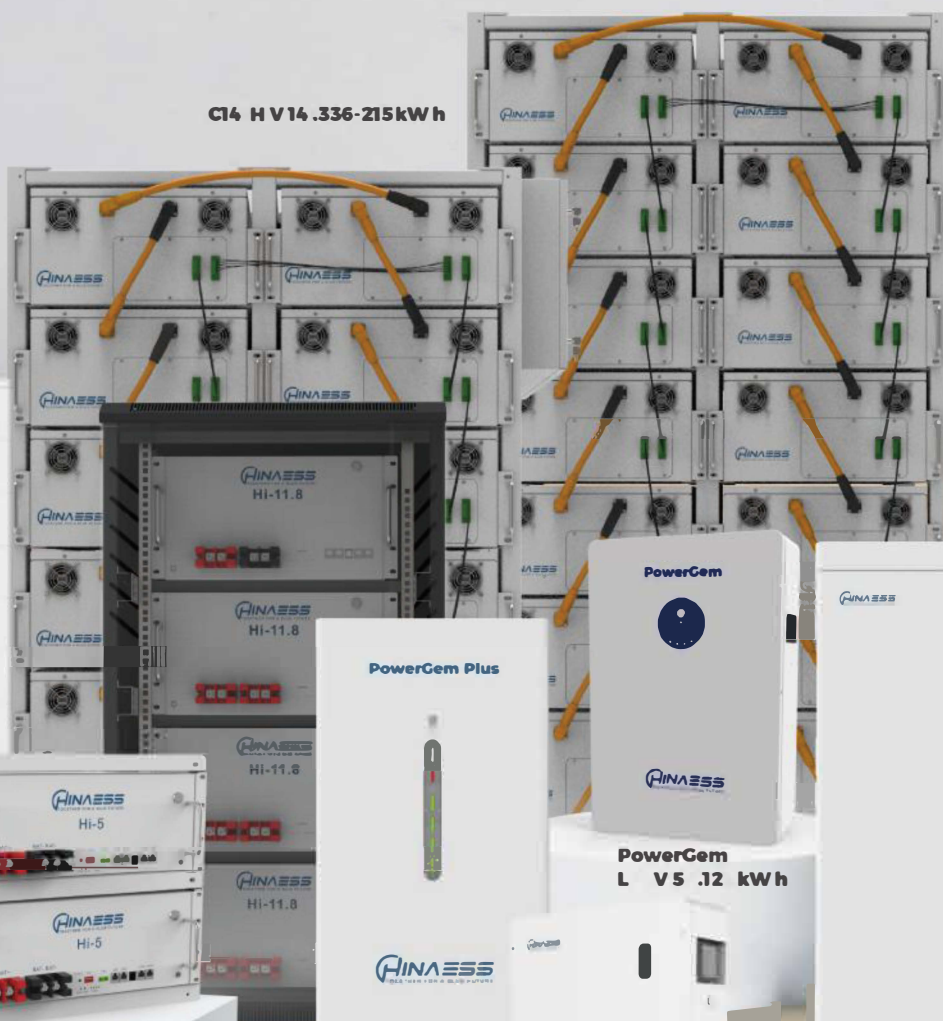


HiStack L 5 .12 kWh

Hi-5L 5 .12 kWh



Hi-11.8 LV 11.8kWh



C14 HV 14.336-215kWh

PowerGem Plus



PowerGem Plus L V14.336 kWh

PowerGem



PowerGem L V5 .12 kWh

PowerGem Max LV 16kWh



PowerS hieldMax L 16 kWh



HINAESS
TOGETHER FOR A BLUE FUTURE



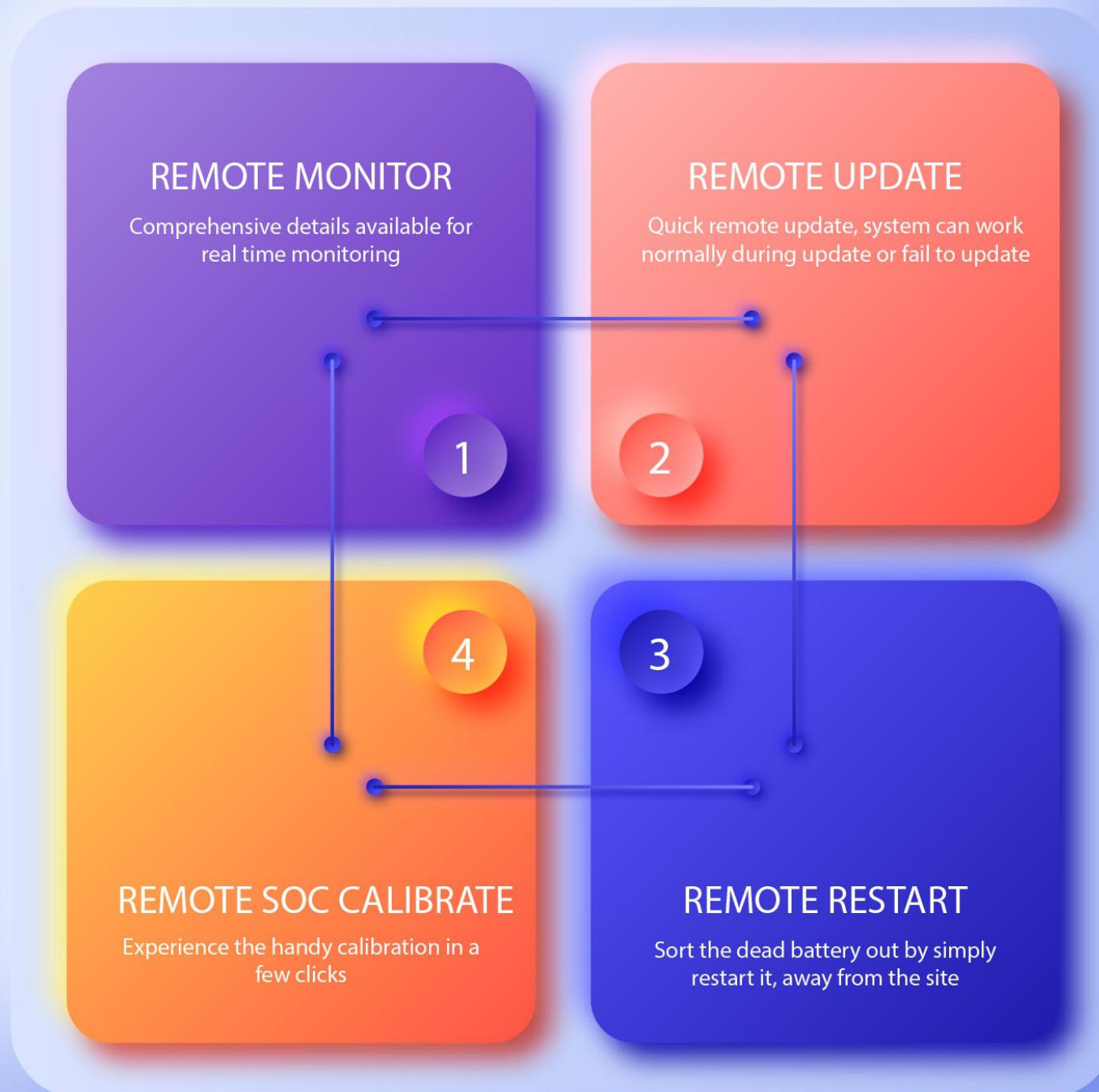
C14 Outdoor cabinet

A photograph of a single-story house with a brown tiled roof. Several large, dark solar panels are mounted on the roof. A white chimney is visible on the left side of the roof. The house has light-colored stucco walls and a brick fireplace. In the foreground, there is a swimming pool with blue mosaic tiles. To the left of the pool, there are large green plants and a tree. To the right, there is a patio area with two wooden chairs and a small table. The sky is clear and blue.

Remote Update

via LuxpowerTek Monitor

REMOTE FEATURES, BEST OF ITS CLASS



LEADING
TECHNOLOGY



Hi-5

51.2V/100Ah/5.12kWh

1C Continuous Power

10 Year Warranty

32 Units Expandable



Stackable / Wall-mounting

SPEC SHEET

Module Name	Hi-5
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	50 (recommended, within communication)
	100 (max continuous)
	102 (start limit current to 10A, retest every 10 minutes)
	105 (peak1 15S)
	110 (peak2 500ms)
Battery Discharge Current(A)	50 (recommended)
	100 (max continuous, within communication)
	104 (start giving over-current alarm but not stop discharging)
	105 (peak1 15S)
	150 (peak2 500ms)
Dimension(W*D*H, mm)	481 * 452.6 * 165mm/48.5Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
DOD	90%

PowerGem

51.2V/100Ah/5.12kWh

1C

Continuous Power

10

Year Warranty

32

Units Expandable

Neat

Wall-mount

Handy

Free Monitor

Robust

Applications





Floor-standing / Wall-mounting

SPEC SHEET

Module Name	PowerGem
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	50 (recommended, within communication)
	100 (max continuous)
	102 (start limit current to 10A, retest every 10 minutes)
	105 (peak1 15S)
	110 (peak2 500ms)
Battery Discharge Current(A)	50 (recommended)
	100 (max continuous, within communication)
	104 (start giving over-current alarm but not stop discharging)
	105 (peak1 15S)
	150 (peak2 500ms)
Dimension(W*D*H, mm)	640*428*166mm/54Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	Auto-addressing and stronger protection
DOD	90%

Hi-Stack

51.2V/100Ah/5.12kWh

1C

Continuous Power

10

Year Warranty

32

Units Expandable

Neat

Wall-mount

Handy

Free Monitor

Robust

Applications





Floor-standing / Wall-mounting

SPEC SHEET

Module Name	Hi-Stack
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	50 (recommended, within communication)
	100 (max continuous)
	102 (start limit current to 10A, retest every 10 minutes)
	105 (peak1 15S)
	110 (peak2 500ms)
Battery Discharge Current(A)	50 (recommended)
	100 (max continuous, within communication)
	104 (start giving over-current alarm but not stop discharging)
	105 (peak1 15S)
	150 (peak2 500ms)
Dimension(W*D*H, mm)	640*428*166mm/58Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Heater	Optional
Fire suppression	Built-in

Hi-11.8

51.2V/230Ah/11.776kWh

0.43C
Continuous Power

10
Year Warranty

32
Units Expandable

Neat
Wall-mount

Handy
Free Monitor

Robust
Applications





Floor-standing / Wall-mounting



SPEC SHEET

Module Name	Hi-11
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	100 (max continuous)
	102 (start limit current to 10A, retest every 10 minutes)
	105 (peak1 15s)
	110 (peak2 500ms)
Battery Discharge Current(A)	100 (max continuous)
	104(start giving over-current alarm but not stop discharging)
	105 (peak1 5minutes)
	150 (peak2 500ms)
Dimension(W*D*H, mm)	396*600*229mm/81Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Heater	Optional
Fire suppression	Optional

PowerGem Plus

51.2V/280Ah/14.3kWh

0.5C

Continuous Power

Neat

Wall-mount

10

Year Warranty

Handy

Free Monitor

32

Units Expandable

8000

Cycles





Floor-standing / Wall-mounting / Wheels options available

SPEC SHEET

Module Name	PowerGem Plus
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	140 (max continuous)
	150 (start limit current to 10A, retest every 10 minutes)
	160 (peak1 15s)
	180 (peak2 500ms)
Battery Discharge Current(A)	140 (max continuous)
	150(start giving over-current alarm but not stop discharging)
	160 (peak1 5minutes)
	200 (peak2 500ms)
Dimension(W*D*H, mm)	900*475*238mm / 120Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Cycles	8000
Heater	Optional
Fire suppression	Built-in

PowerGem Max

51.2V/314Ah/16kWh

0.5C

Continuous Power

3 Ways

to Install

10

Year Warranty

WiFi

Free Monitor

35

Units Expandable

8000

Cycles





Floor-standing / Wall-mounting / Wheels options available



SPEC SHEET

Module Name	PowerGem Max
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	160 (max continuous)
	165 (start limit current to 10A, retest every 10 minutes)
	180 (peak1 15s)
	200 (peak2 500ms)
Battery Discharge Current(A)	200 (max continuous)
	205(start giving over-current alarm but not stop discharging)
	210 (peak1 2minutes)
	220 (peak2 500ms)
Dimension(W*D*H, mm)	900*445*230mm / 120Kg
Communication	CAN/RS485
Max.parallel number	35 w/o extra device, 100 with hub
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Cycles	8000
Heater	Optional
Fire suppression	Built-in
Installation	Floor-standing, wall-mount, stackable

PowerShield

51.2V/100Ah/5.12kWh

1C

Continuous Power

32

Units Expandable

IP65

Outdoor Use

Neat

Wall-mount

Handy

Free Monitor

Robust

Fire suppression built-in





Floor-standing / Wall-mounting

SPEC SHEET

Module Name	PowerShield
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	50 (recommended,within communication)
	100 (max continuous)
	102(start limit current to 10A, retest every 10 minutes)
	105 (peak1 15S)
	110 (peak2 500ms)
Battery Discharge Current(A)	50 (recommended)
	100 (max continuous,within communication)
	104(start giving over-current alarm but not stop discharging)
	105 (peak1 15S)
	150 (peak2 500ms)
Dimension(W*D*H, mm)	650*500*167mm/60Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	IP65 Outdoor Use, Auto-addressing
Second Level Protection	Built-in
DOD	90%
Heater	Optional
Fire suppression	Built-in

PowerShield Max

51.2V/314Ah/16.076kWh

0.5C

Continuous Power

32

Units Expandable

IP65

Outdoor Use

Neat

Wall-mount

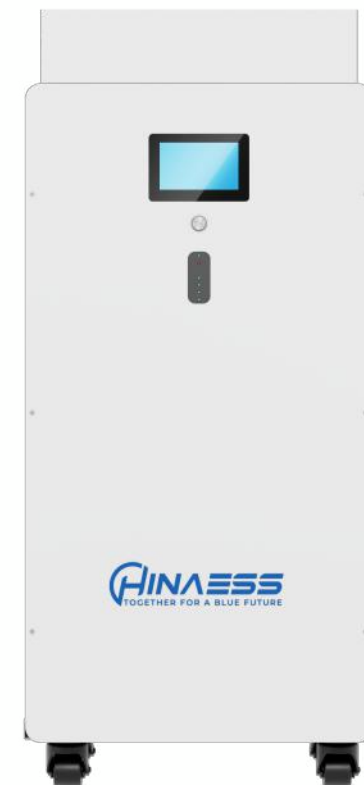
Handy

Free Monitor

Heater

Built-in





Floor-standing / Wall-mounting / Wheels options available

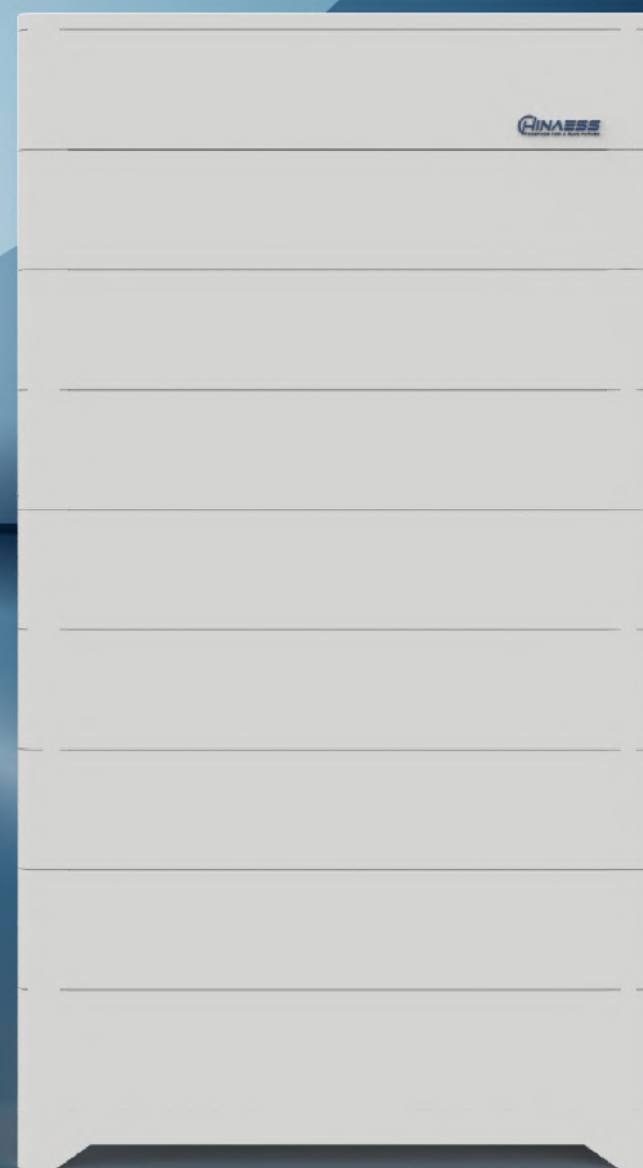
SPEC SHEET

Module Name	PowerShield Max
Charge Voltage (Vdc)	57.2
Battery Charge Current(A)	160 (max continuous)
	165 (start limit current to 10A, retest every 10 minutes)
	180 (peak1 15s)
	200 (peak2 500ms)
Battery Discharge Current(A)	200 (max continuous)
	205(start giving over-current alarm but not stop discharging)
	210 (peak1 2minutes)
	220 (peak2 500ms)
Dimension(W*D*H, mm)	900*475*236mmmm / 125Kg
Communication	CAN/RS485
Max.parallel number	32 w/o extra device, 100 with hub
Robust Applications	IP65 Outdoor Use, Auto-addressing
Second Level Protection	Built-in
DOD	90%
Cycles	8000
Heater	Built-in
Fire suppression	Built-in
Installation	Floor-standing, wall-mount

For household and business

expandable up to 900kWh

**POWER
STACK**



PowerStack

High voltage solution
for household and business

0.7C

Continuous Power

10

Year Warranty

IP65

Outdoor Use

Scalable

10~900kWh

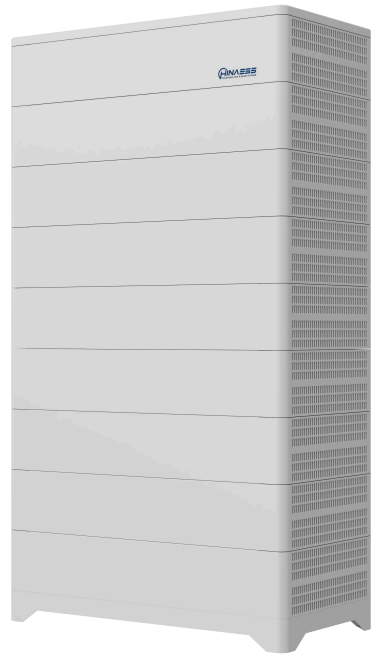
Plug&Play

Quick stackable

50A

Discharge Current





SPEC SHEET

Module Name	PowerStack
Nominal Voltage	70.4V
Nominal Capacity	72Ah
Battery module energy	5.069kWh
System size	10kWh/15kWh/20kWh/25kWh/30kWh/ 35kWh/40kWh/45kWh
Dimension	736*382*577mm/735mm/893mm/ 1051mm/1209mm/1367mm/1525mm/ 1683mm
Weight	110Kg/155Kg/200Kg/245Kg/290Kg/ 335Kg/380Kg/425Kg
Recommend charge/discharge current	36A, 0.5C per battery module
Max continuous charge/discharge current	50.4A, 0.7C per battery module
Max. series/parallel number	9 battery series per stack 10 stack parallel w/o extra device needed 20 stack parallel with extra BAU installed
Protection	IP65
DOD	95%
Heater	Optional
Fire suppression	Optional



Say goodbye to loadshedding woes



Thank you

