



**NEW LITHIUM IRON PHOSPHATE LiFePO4
HOME BATTERY BACKUP SOLUTION
15 kwh to 20 kwh**

**Almost double the
Tesla Power Wall
capacity - 20kwh**

Expandable 200kwh

**20kwh unit size
L x W x H (inches)
24 x 29 x 56**



**\$ 11,999
installed**

**10 year
warranty**

**Modular 5kwh
Batteries (4)
in each unit**

BATTERY SIZE	15 KWH	20 KWH
PRICE (\$)	\$ 10,250	\$ 11,999

ELECTRICAL SPECIFICATIONS (5 kwh - 4 in each unit)

Nominal Voltage	51.2 V
Nominal Capacity	100 Ah
Capacity @ 25A	> 98Ah
Energy	5120Wh
Self-Discharge	<3% per Month

DISCHARGE SPECIFICATIONS

Max. Continuous Discharge Current	100 A
Discharge end Voltage	45 V
BMS Discharge Cut-Off Voltage	43.2V (2.7 ±0.08Vpc)

INTERFACE SPECIFICATIONS

Communication	CAN + RS485
Display	LED
Switch	ON/OFF; Addr. Config.

MECHANICAL SPECIFICATIONS (20 kwh)

Dimensions (L x W x H)	24 x 29 x 56 in
Weight	625 lb
Terminal Type	M6
Cell Type	Square
Chemistry	LiFePO4

CHARGE SPECIFICATIONS

Recommended Charge Current	20 A
Maximum Charge Current	100 A @25 °C
Recommended Charge Voltage	57.6 V
BMS Charge Cut-Off Voltage	3.9 ±0.025 Vpc

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 to 60 °C
Charge Temperature	0 to 50 °C
Storage Temperature	0 to 45 °C

BATTERY SIZE	5 KWH	10 KWH	15 KWH	20 KWH
PRICE (\$)	\$ 5,499	\$ 9,499	\$ 10,250	\$ 11,999

APPLIANCES

RUNNING WATTS

START-UP WATTS

RUN TIME IN HOURS

5 KWH

10 KWH

15 KWH

20 KWH



DESKTOP COMPUTER

250

250

20

40

60

80



50" TV

100

100

50

100

150

200



REGULAR FRIDGE

200

400

25

50

75

100



WINDOW AC

1500

3000

3.3

6.7

10.0

13.3



DISHWASHER

1500

3000

3.3

6.7

10.0

13.3



ELECTRIC SAW / POWER TOOLS

1500

3000

3.3

6.7

10.0

13.3



SUMP PUMP

1300

3000

3.8

7.7

11.5

15.4



CENTRAL AC

3800

11400

NO

NO

3.9

5.3

FEATURES	ENPHASE	TESLA	AMPERICON
CAPACITY	10 Kwh	13.5 Kwh	20 Kwh ✓
BATTERY	LiFePO4	LiNMC	LiFePO4
POWER continuous	3.81 Kw	5 Kw	12 Kw ✓
INSTALLED PRICE	\$17,500	\$ 12,000	\$11,999 ✓
SCALABLE	40 Kwh	135 Kwh	200 Kwh ✓
WARRANTY	10 yrs	10 yrs	10 yrs

