

Home & Business Battery

freedom
WON

Plug Into the *Current Future*



GREAT
PERFORMANCES



PERFORMANCE
UP TO 92%



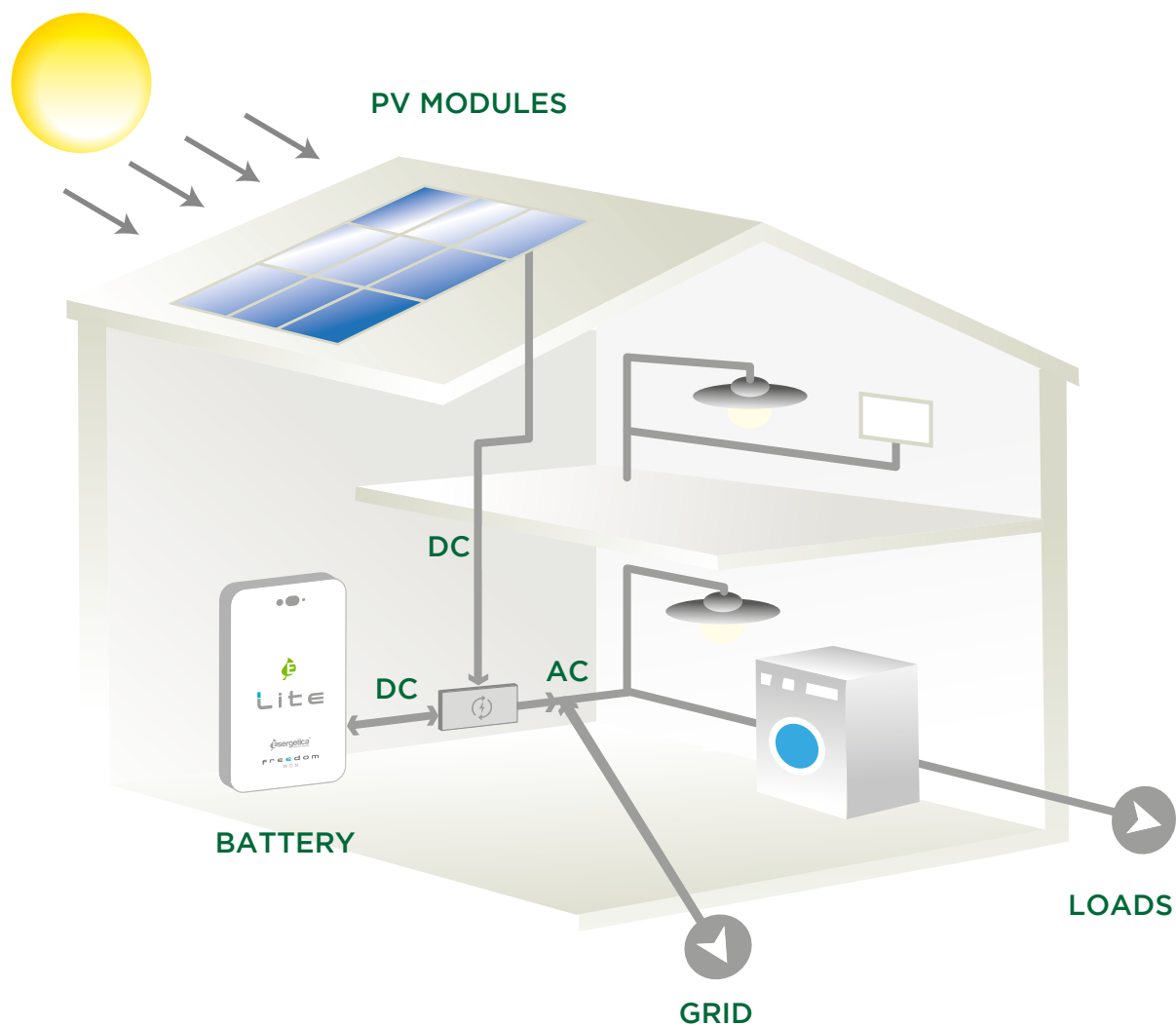
AMORTISED
EXPENSES



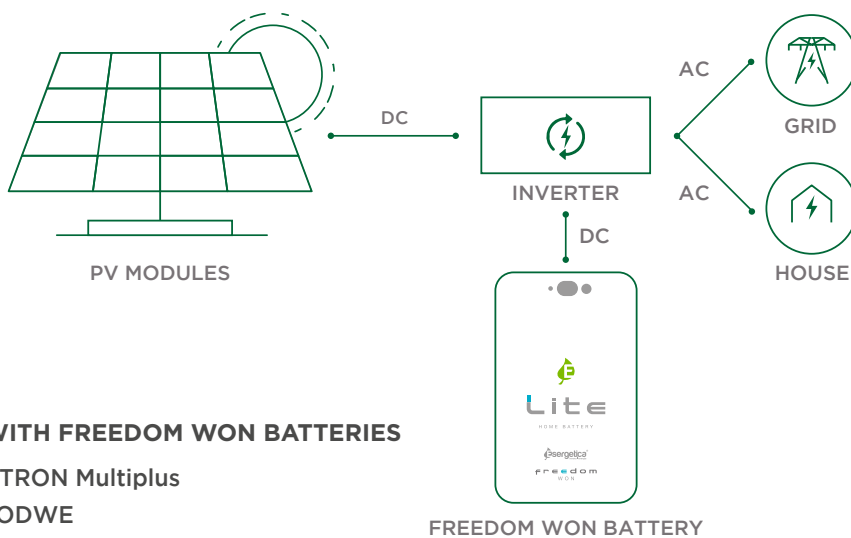
WIDE SIZE
RANGE

freedomwoneurope.com

FUNCTIONAL OUTLINE



PLUS: DC side charge, only one conversion, for maximum efficiency and long lasting life



LIST OF COMPATIBLE INVERTERS WITH FREEDOM WON BATTERIES

- SCHNEIDER XW e SW
- SMA Sunny Island
- INGTEAM Sun Storage (CEI 021V ITA)
- SOLAX
- VICTRON Multiplus
- GOODWE
- SOCOMEC (CEI 021V ITA)
- IMEON (CEI 021V ITA)
- STUDER

Lite Battery Specs Low Voltage

	Lite Mini 2,5	Lite Mini 5	House 10/7	House 15/11	Office 20/14	Office 30/21	Office 40/28
Max. Energy [kWh]	2,5	5	10	15	20	30	40
Energy, DOD 70% [kWh]	2	3,5	7	11	14	21	28
Current Capacity [Ah]	55	100	200	300	400	600	800
Max / Cont Current [A]	120/100	120/100	125/100	250/200	250/200	375/300	375/300
Nominal Voltage [V]	52	52	52 V suitable for 48V inverters, min 48 V max 56 V				
Max charge and discharge power [kW]	6,2	6,2	6,5	13	13	19,5	19,5
Weight [Kg]	32	50	104	154	207	306	404
Dimensions H x W x Depth or L [mm]	544x318x237	550x368x263	916x372x265	916x540x265	916x712x265	953x1044x265	1776x584x310
Outer casing	Aluminium: Powder coated silver back and white front, protection degree IP54 House: wall mount - Office: floor mount. Charge status display (from 0 to 100%), error indicator, error reset button, serial RS232 plug for programming						
CE product certification	EN Norms	EN 61000-6-1:2007 - EMC DIRECTIVE 2014/30/EU EN 50498:2010 EMC EN 61000-6-3: 2007 - LV 2014/35/ EU EN 61000-6-1:2007 - EN 61000-6-3: 2007					
DC Connection Cable per +ve and -ve (std lenght 2m.)	1x16mm ²	1x16mm ²	1x35mm ²	2x35mm ²	2x35mm ²	3x35mm ²	3x35mm ²

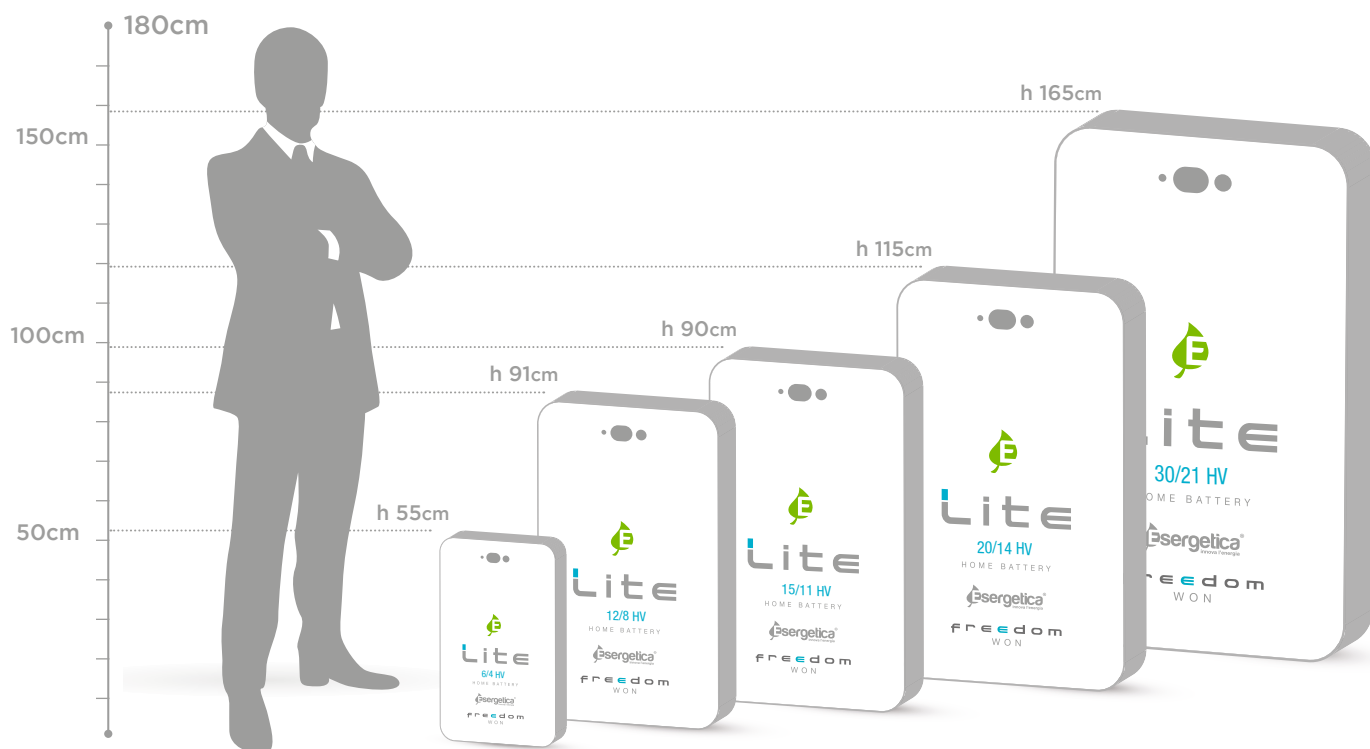
Lite Battery Specs High Voltage

	House 6/4	House 12/08	House 15/11	Office 20/14	Office 30/21	Office 40/28
Max. Energy [kWh]	6	12	15	20	30	40
Energy, DOD 70% [kWh]	4,2	8,4	11	14	21	28
Current Capacity [Ah]	50	100	100	100	200	200
Max / Cont Current [A]	100/70	100/70	100/70	100/70	125/88	125/88
Nominal Voltage [V]	120	128	153	204	153	204
Max charge and discharge power [kW]	12,0	12,0	15,3	20,4	19,1	25,5
Weight [Kg]	80	122	169	222	328	429
Dimensions H x W x Depth or L [mm]	550x450x265	916x450x265	906x600x246	1156x600x246	1656x600x246	1656x584x306
Outer casing	Aluminium: Powder coated silver back and white front, protection degree IP54 House: wall mount - Office: floor mount. Charge status display (from 0 to 100%), error indicator, error reset button, serial RS232 plug for programming					
CE product certification	EN Norms	EN 61000-6-1:2007 - EMC DIRECTIVE 2014/30/EU EN 50498:2010 EMC EN 61000-6-3: 2007 - LV 2014/35/ EU EN 61000-6-1:2007 - EN 61000-6-3: 2007				
DC Connection Cable per +ve and -ve (std lenght 2m.)	1x16mm ²	1x16mm ²	1x16mm ²	1x16mm ²	1x35mm ²	1x35mm ²

LV and HV Service Life

10 years warranty for DOD 70% max, performance life about 15-20 years DOD 70% max

SIZES REFLECT STORAGE CAPACITY



Aluminium case, compact and safe, IP54 protection

Freedom Won Europe powered by



Contact Us or become a Partner:

www.esergetica.it
info@esergetica.it