

# ENSTORE POWER BOX

TECHNICAL SHEET



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**PROGRESSION  
PRODUCTION  
WAREHOUSE**

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# Ideal solution for

- Ensuring permanent power supply of electronic devices on public lighting poles
- Ensuring permanent power supply of electronic devices in places where electricity is not available (using solar energy)
- Backup power source for electronic devices

## Product variants table

Product variant	Continuous nominal consumption (W)	Comm via internet	Output voltage	Input voltage	Capacity accu (Wh)	Maximum power consumption (A)	Outer dimensions (mm)	Internal compartment dimensions (mm)	Total weight (kg)	Expected battery life
ENSTORE PowerBox 10	10	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	200	3	H = 420 W = 320 D = 180	H = 150 W = 260 D = 80	7	25
ENSTORE PowerBox 20	20	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	400	3	H = 420 W = 320 D = 180	H = 150 W = 260 D = 80	10	25
ENSTORE PowerBox 40	40	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	800	5	H = 500 W = 350 D = 200	H = 150 W = 300 D = 100	15	25
ENSTORE PowerBox 40L	40	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	800	5	H = 500 W = 350 D = 200	H = 150 W = 300 D = 100	11	7
ENSTORE PowerBox 65	65	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	1200	10	H = 500 W = 350 D = 200	H = 150 W = 300 D = 100	22	25
ENSTORE PowerBox 65L	65	YES	3x 12V	AC 230V 50Hz DC 12-22V / 7A	1200	10	H = 500 W = 350 D = 200	H = 150 W = 300 D = 100	16	7

## Operating conditions

<b>ENVIRONMENT PROTECTION</b>	Outdoor, IP65 (protection against dust and water jets)
<b>TEMPERATURE RANGE</b>	min -30°C, max +60°C
<b>HEIGHT OF DEVICE PLACEMENT FROM THE GROUND</b>	> 2500mm
<b>ANCHORING METHOD</b>	Free-standing: Mast $\varnothing$ 60mm - 120mm with BAND-IT tightening tape. On the wall: using dowels and screws
<b>INTERNET CONNECTIVITY</b>	Access to the Internet using an Ethernet cable
<b>NETWORK CONFIGURATION</b>	DHCP (automatic IP configuration)

## Other properties

- Declaration of Conformity
- Load protection against short circuit and overload
- Lockable box
- Power supply cable 5m CYKY 3x2.5mm
- Output voltage alternatively expandable by 24V and 48V outputs
- Network connector RJ45 internal + external
- MC4 solar panel connectors (1x pair +/-)
- LED signaling of functionality and load
- Fuses 1x 10A, 2x 3,15A
- Battery life 25 years, in the LiFePo version (marked "L") 7 years.