

# epcom<sup>®</sup>

## POWER ⚡ LINE

### RES20010K

#### SAFETY

- + Long life type prismatic LiFePO4 cells, suitable for energy storage application.
- + Low voltage system, safety for application.
- + Cell certification: UN38.3, ROHS, IEC62619, UL1973 and UL9540A
- + Battery certification: UN38.3, MSDS, CE
- + Cycle life >6000 cycles.

#### DESIGN

- + Flexible and easily installation, support wall mounted.
- + -20~+55°C widely temperature range.
- + Parallel support for more energy or more capacity inverter.
- + SOC, RUN, ALARM display and APP for detailed operation.
- + OVP, LVP, OCP, OTP, LTP protection.
- + RS485,CAN communication port for inverter.

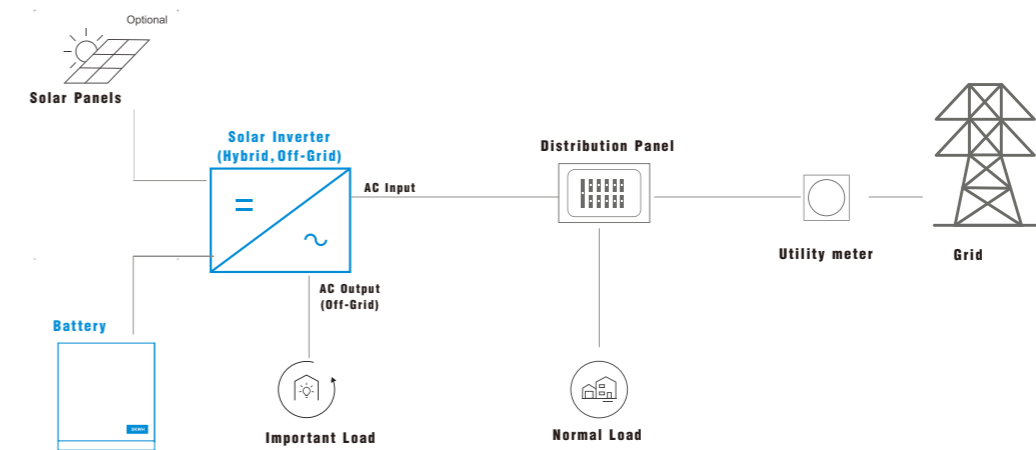
#### Compatible with inverter brands

Communication compatible with major inverter



## LOW VOLTAGE BATTERY-51.2V 10KWH

### SYSTEM TOPOLOGY



### PARAMETERS

Model	RES20010K
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	200
Total Energy [Wh]	10240
Dimension (W*D*H, mm)	520*165*865
Weight [Kg]	96
Max. Charging Current [A]	200
Max. Discharging Current [A]	200
Pulse Discharge Current	210A @10min 220A @10s
Charging Voltage [V]	55.2~57.6
End of Discharge Voltage [V]	44.8 (Backup Application) / 48 (Cycle Application)
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Standard Product: Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C With Optional Heater: Charge / Discharge: -30 ~ +55°C
Cycle Life <sup>(1)</sup>	>6000
Designed Calendar Life	10 Years
Communication interface	RS485, CAN
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support <sup>(2)</sup>	Yes, Max. 15 Sets
Series Support	Not support

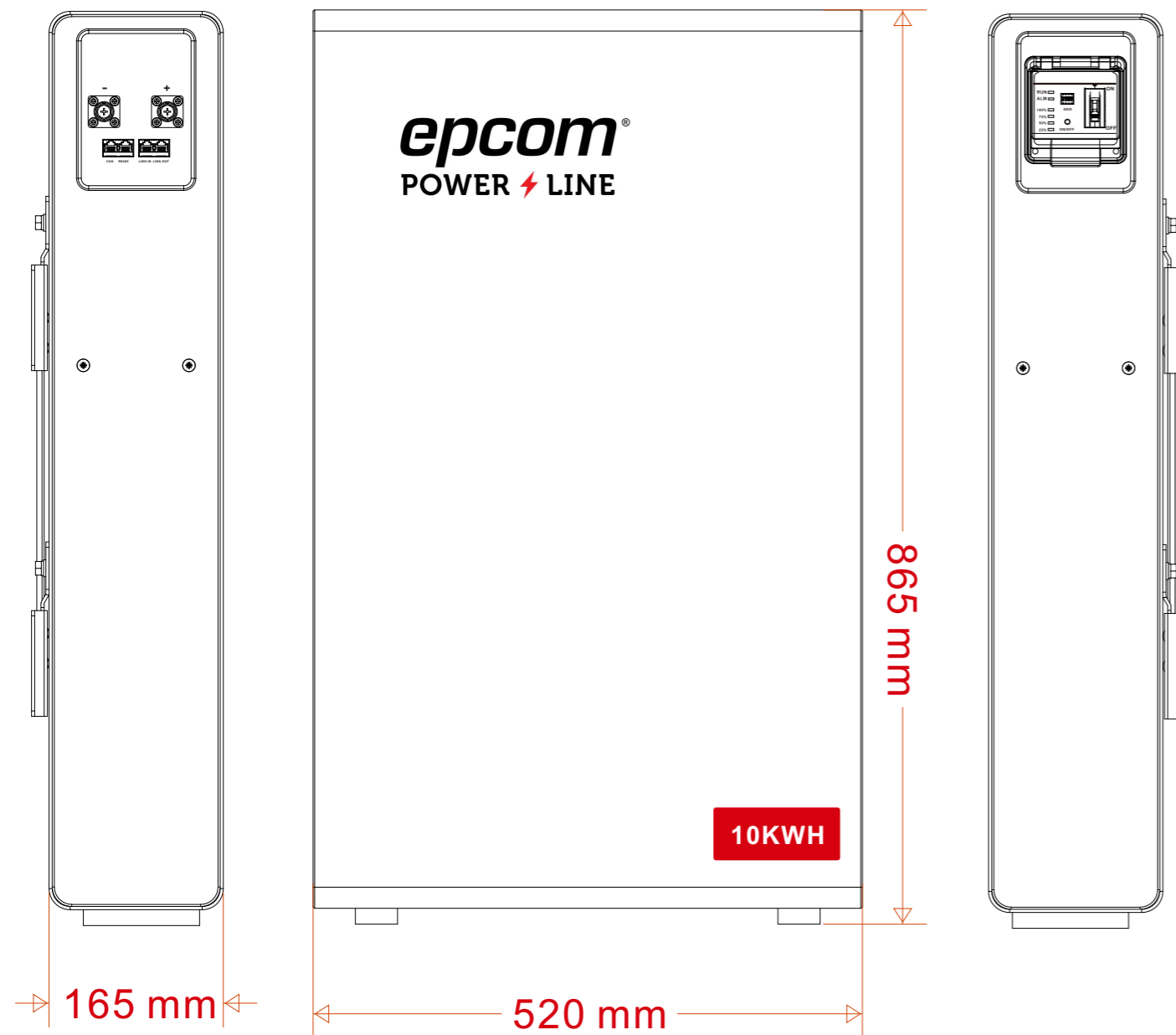
Note:

(1) 25°C ,0.5C/0.5C, 90%DOD and 70% EOL

(2) For parallel connection, refer to user manual.

# LOW VOLTAGE BATTERY-51.2V 10KWH

## DIMENSION



# LOW VOLTAGE BATTERY-51.2V 10KWH

## DETAILS

