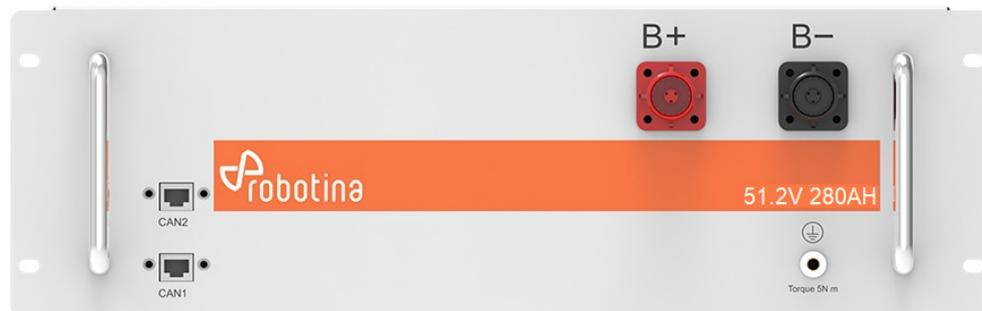


# RB 512-280-R

## LiFePO4 Battery rack module



Order code:	<b>RB 512-280-R</b>
Description:	High performance battery module for rack
Technology:	LiFePO4
Cell:	Grade A prismatic cell
Cycles:	Over 6500 cycles with 80% DoD
BMS:	High end BMS
Compatibility:	xEMS, Deye-R, other inverters
Mounting:	Rack

## Features

Industry grade ESS with high energy and power density, scalability and excellent performance. When integrated with Robotina xEMS, this LiFePO4 battery implements client's energy strategy.

## Technical specification

Nominal capacity:	280Ah
Nominal voltage:	51.2V
End of discharge voltage:	46V
Charging voltage:	56V
Continuous Charge I :	150A
Continuous Discharge I:	150A
Peak Charge/Discharge I:	200A
Charge temperature:	0...45°C
Discharge temperature:	-10..50°C
Parallel Connection:	up to 20
MBS communication:	CAN/S485
Weight:	120kg

Dimensions (WxHxD):	440x750x250mm
Fire prevention:	Chemical extinguishing
Certification:	CB-IEC62619, CE-EMC, MSDS, UN38.3

# Certificate

[rb\\_512-280-r\\_declaration\\_of\\_conformity.pdf](#)