

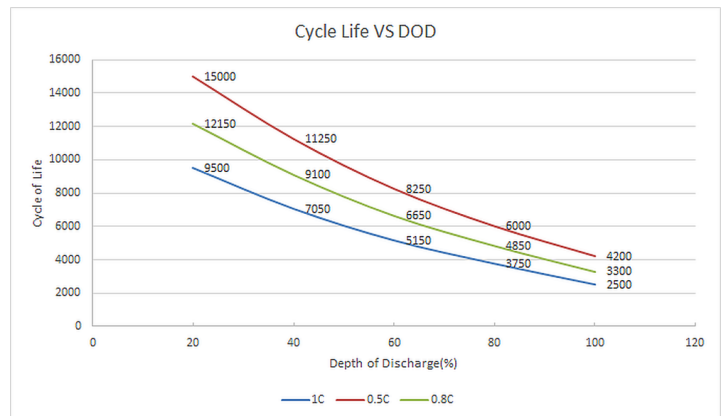
LIFEPO BATTERY MODULE

LFP3500



The batterX® LFP is a lithium iron phosphate battery in coming as 3,5kWh module, which can be installed with or without a housing. When the modules stand alone, brackets are used to attach them mechanically to each other.

How the number of cycles depends on the discharge current and depth of discharge (DoD): Using small discharge currents and a low discharge depth it is possible to achieve up to 15.000 cycles.



TECHNICAL SPECIFICATIONS

Parameter	Battery module LFP3500
Nominal Voltage (V)	48
Nominal capacity (Wh)	3552
Active storage capacity (Wh)	3200 (90% DoD)
Dimensions (mm, LxDxH)	442*420*132
Weight (kg)	32
Discharge voltage (V)	45 ~ 53.5
Charge voltage (V)	52.5 ~ 53.5
Standard charge and discharge current (A)	37A
Maximum charge and discharge current (A)	74A
Interface	RS232, RS485, CAN
Working temperature	0°C ~ 50°C
Certificates	TÜV / CE / UN38.3
Cyclability	Up to 8000 cycles depending on C-rate and DoD