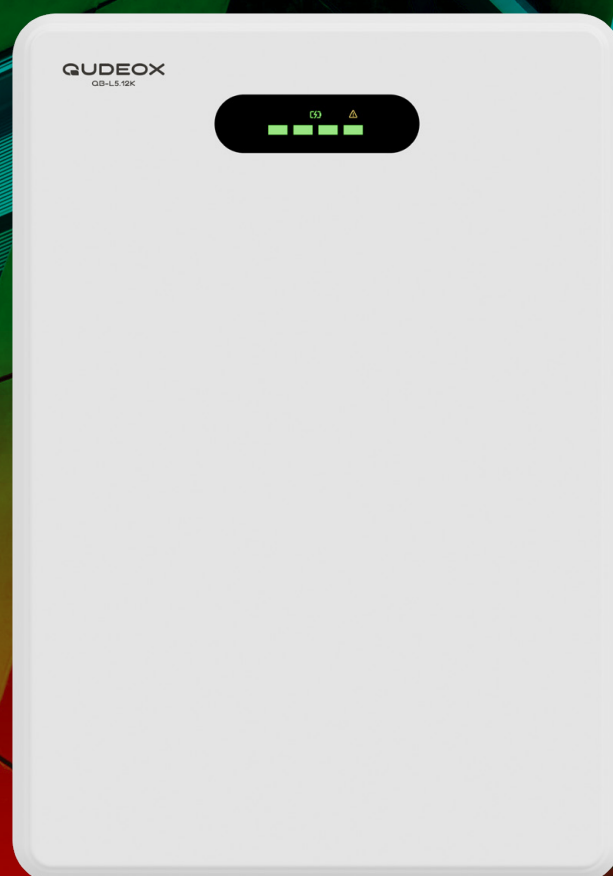


QUDEOX

QB-L5.12K Wall Mounted LFP Battery System

Low Voltage | 5.12kWh



Efficient and reliable

High safety LiFePO4 battery chemistry
BMS complete protection
IP65 protection for indoor and outdoor use



User friendly

Color LED display, with easy to read battery status
Online monitoring via app
Remote upgrade via inverter



Easy to install

Pre-wired communication cables for plug and play
Horizontal and vertical wall mounting
Simple lifetime energy capacity expansion

| POWERING A SUSTAINABLE WORLD |

Technical Data

QB-L5.12K

Battery type	LFP / LiFePO4 (Lithium Iron Phosphate)
Battery designation	IFpP/50/160/116[16S]M/-10+50/80
Nominal voltage	51.2V
Nominal capacity	100Ah
Nominal energy	5.12kWh
Terminal type	Plug-in
Terminal torque	8.5NM
Case material	SPCC
BMS build-in	Yes
AH Efficiency - round trip	>98%
Self discharge per month	<3%
Maximum in parallel	16 pcs.
Maximum in series	Not allowed
LCD screen	Optional
Operating voltage range	44.8V~57.6V
Recommended charge voltage	57V
Maximum charge voltage	59V
Recommended charge current	20A
Maximum continuous current	100A
Recommended discharge voltage	46V
Maximum discharging voltage	44.8V
Maximum continuous discharge current	100A
Peak discharge current	150A / 3s
Cycle life	6000 cycles (0.2C, 25°C @80% DOD)
Ingress protection rating	IP65
Charge/Discharge protection temperature	0°C~55°C / -20°C~55°C
Operating temperature	-20°C~35°C
Bluetooth (App)	Optional
Heating function	Optional
Certifications and standards	CE, IEC62619, UN38.3
Weight	51 kg
Dimensions (WxDxH)	422x205x600 mm

