



## Key Features

**6000**  
LIFECYCLES

**REMOTE UPDATES**  
& FAULT DIAGNOSTICS

**135A**  
CHARGE/DISCHARGE CURRENT

**BUILT-IN WIFI**  
FOR REMOTE ACCESS

**IP40**  
PROTECTION

**TOUCH SCREEN**  
USER FRIENDLY LED



**ENERGY**  
**CUBE** **5.12KW**



# DATASHEET

Battery type	LFP
Battery component	1P6S
Nominal voltage	51.2 V
Operating voltage range	44.8~ 58.4 V
Rated capacity	100 Ah
Nominal energy	5.12 kWh
Recommended current	100 A
Max. current	Charge: 135 A, Discharge: 135 A
Peak current	200 A (10s,25C)
Cycle life	>6000cycles
Communication interfaces	CAN / RS485
HMI	3.5 inch LCD touchscreen + Status Light + SOC power indicators
Operation temperature	Charge:0~55C, Discharge:-20~55C
Storage temperature	-20~30C(12months), 30~60C (6months)
Single string quantity	16pcs
Dimension (W x H x D)	335 x 626 x 169 mm
Weight	43+-2kg
Installation	Type Wall / Floor / Rack mounting
Enclosure protection	IP40 (Water & Dust protection)
Cooling concept	Natural cooling
Humidity	20 ~ 85% RH (non-condensing)
Altitude	<3000 m
Certification	IEC 62477, IEC 62619, IEC 60730, 63056, IEC 61000, UN38.3
Warranty	5Years

