

ALPHA



Features

Remote Monitoring & Smart Diagnostics

High Charge / Discharge Capability

Wide Operating Temperature Range

Long Cycle Life & High Durability

Enhanced Scalability

Compatibility List



Deye



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YOUR SOLAR ENGINE



FSSENERGY
SANGRENE LANCHIT 2016-01-01 SANGRENE ONLY LANCHIT COMPANY

GROWATT



Specifications



Electrical

Nominal Voltage	51.2V
Voltage Range	47.5V - 57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Recommended Charge/Discharge Current	75A
Max Charge/Discharge Current	100A

General

Chemistry	LFP
Communication protocol	RS485, CAN, Bluetooth
Power Terminal	Amphenol SurLok Plus 8.00 mm

Dimensions (L*W*H)	530*420*165mm
Weight	48kg
Ambient Temperature Charge	0°C~45°C
Ambient Temperature Discharge	-10°C~50°C
Storage Temperature	
Within 1 month:	-20°C~50°C
1 - 3 months:	-10°C~40°C
3 - 12 months:	> 0°C~30°C
Cycle Life	≥ 6000 cycles
Calendar Life	≥ 10 years
Scalability	16 pcs (81.92kWh) in a group