

SHUANG DENG GROUP

SMART ENERGY
EFFICIENCY MANAGEMENT
EXPERT



HIGH-TECH ECO-FRIENDLY
SMART ENERGY GLOBAL

SDC10 Series Home Power Battery(LV)

SDC10-Box5

SYSTEM FUNCTION



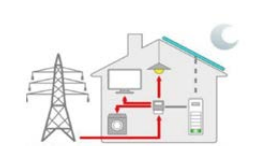
Solar energy preferably used by domestic appliances, and additional Energy is stored in battery.



During the day, when battery is fully charged, the additional energy produced by solar can be sold and fed into the public



At evening, the energy stored in the battery supplies electricity to the domestic appliances.



At night, when the energy stored in the battery is depleted, the public grid supplies energy to the domestic appliances.



PRODUCT PARAMETER

Model	SDC10-Box5(15S)	SDC10-Box5(16S)
Nominal Capacity (kWh)	4.8	5.12
Depth of Charge	80%	
Usable Capacity (kWh)	3.84	4.1
Charge Voltage (V)	54.0	56.4
Discharge Voltage (V)	45	48
Nominal Voltage (V)	48	51.2
Max Parallel Quantity (Pcs)	16	
Charge/Discharge Current(A)	Recommend 50 (0.5C)	
	Max 100 (1C)	
Communication Port	RS485 & CAN	
Weight (Kg)	38.0±2Kg	40.0±2Kg
Dimensions (W*H*D)mm	442±2mm*133±2mm*440±2mm	
Operating Temperature	Charge -5°C~+45°C	
	Discharge -20°C~+50°C	
Recommend Operating Temperature	Charge +15°C~+35°C	
	Discharge +15°C~+35°C	
	Storage -20°C~+35°C	
Humidity	5%-95%	
Altitude	≤4000m	
Certificate	IEC 62619/CE-EMC/UN38.3	
Compatible Inverters	Growatt, Goodwe, Victron, Deye, Sofar and more brands to be announced	

