

*Passion for Storage  
and Green Energy*

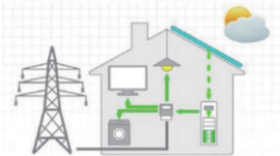
## LOW VOLTAGE BATTERY STORAGE FOR RESIDENTIAL APPLICATION



 **shoto**

# Passion for Storage and Green Energy

## SYSTEM FUNCTION



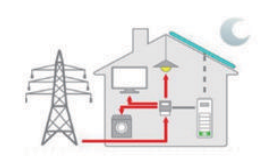
Solar energy preferably used by domestic appliances, and additional Energy is stored in battery.



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.



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## SPECIFICATIONS

Model	HP10-Box 5
Nominal Capacity (kWh)	5.12
Depth of Charge	80%
Usable Capacity (kWh)	4.1
Charge Voltage (V)	54.0 - 56.4
Discharge Voltage (V)	45.0-53.0
Nominal Voltage (V)	51.2
Max Parallel Quantity (Pcs)	16
Charge/Discharge Current(A)	Recommend 50(0.5C) Max 100A(1C)
Communication Port	CAN/RS485
Weight (Kg)	46.5±2Kg
Dimensions (W*H*D)mm	580*150*470
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
Warranty	5 Years Product Warranty , 10+ Years design Life (@ 25°C/77°F)
Certificate	TUV(IEC 62619)/CE-EMC/UN38.3
Compatible Inverters	Growatt, Goodwe, Victron, Deye, Sofar and more brands to be announced