



SolarFlow

Smart PV Hub Specifications:



Model	ZDSPVH1200
Dimensions	363×246×64mm
Weight	≈ 4.7kg
Wireless Type	Bluetooth, 2.4G Hz Wi-Fi
IP Level	IP65
Warranty	10Years
PV Input	
Recommended Input PV module	210-550W each
Maximum Input DC Voltage	60V
PV Input 1	16-60V=13A, 400W Max
PV Input 2	16-60V=13A, 400W Max
Min DC Input Voltage	16V
Max DC Short Circuit Current	14.3A
Number of MPPT	2
AB1000 Input	
Max Input Power	1200W Max
Max Input Current	25A
Rate Voltage	48V
Charging AB1000	
Max Input Power	800W
Max Input Current	16.6A
Rate Voltage	48V
Output to Microinverter	
Recommended Microinverter's Power	400-1200W
Rated Output Power	1200W
Rated Output Current	30A
Nominal Voltage Range	16-60V
Efficiency	
MPPT Efficiency	98%
Output Efficiency	97%
Protection	
Overvoltage Protection	Yes
Overcurrent Protection	Yes
Short Circuit Protection	Yes
Temperature Protection	Yes

Working Temperature	-20-45°C
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Add-on Battery 1000 Specifications:



Model	ZDAB1000
Dimensions	350×200×186.5mm
Weight	≈ 11.5kg
Capacity	960Wh (20Ah 48V)
Battery Type	LiFePO4
Cycle	3000
Input	Max 800W
Output	Max 1200W
Extray Battery Quantity	4
Max Expand Capatiy	960*4=3840Wh
Charging Overvoltage Protection	Yes
Charging Overcurrent Protection	Yes
Short Circuit Protection	Yes
Discharging Overvoltage Protection	Yes
Discharging Overcurrent Protection	Yes
Temperature Protection	Yes
Waterproof level	IP65
Warranty	10Years
Charging Temperature	0-45°C
Discharging Temperature	-20-45°C