

INVERTER
 ESS
 SMART HOME
 ELECTRONICS

AmazingPower series

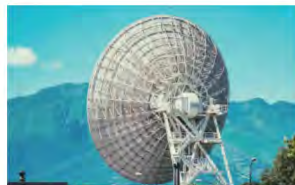
APS-50

- 50 to 300 degressuitable for large applications
- AI cloud computing data processingintelligent control
- A variety of custom running mode Settings
- Free combination modular application

APPLICATION



High-end villa



Communication base station



Nomadic farm



Enterprise electricity

APPLICATION SCENARIO

Model		APS-50	APS-L50
Nominal Capacity(KWh)	KWh	51.2	48
Module Type		102.4V 100AH LiFePO4	48V 1000AH LiFePO4
Module Numbers		5	5
Nominal Charge/ Discharge Current (A)	A	50/50	100/100
Round-Trip Efficiency		≥97.5%	≥97.5%
Nominal Voltage	V	512	48
Operating Voltage	V	440-576	42-55
Communication		CAN, RS485	CAN, RS485
Charge Temperature	°C	0 - 50	0 - 50
Discharge Temperature	°C	-80	-80
Weight (Kg)	Kg	630	590
Dimension (W*H*D)	mm	560*1790*750	1100*1790*750
Enclosure Protection Rating		IP21	IP21
Recommend DOD		90%	90%
Cycles Life		≥6,000	≥6,000
Design Life		20+Years(25°C@77°F)	20+Years(25°C@77°F)
Humidity		5% - 95%	5% - 95%
Altitude (m)		<2,000	<2,000
Warranty	m	5 + 5 Years	
Safety Standard		UL1973/IEC62619/IEC62040/UN38.3	

