

Smart All-In-One ESS



600W ESS



Product Features



3 In One

400W PV MPPT Controller
600W Bi-Direction Inverter
1280Wh Lithium Battery



High Performance

Pure Sine Wave
UPS Class Switch Time: <20ms



A Class LiFePO4 Battery

More than 6000 Cycles
High Safety and Performance



LCD Display

Display Soc and Status Info



Rapid Charge

Support PV and Grid Charge. Dual Charging Mode
Fully Charged in 2 Hours

Model	IESS-06K13D
Inverter Output	
Rated Output Power	600W
Max. Output Apparent Power	600VA
Rated AC Output Current	2.7A
Max. AC Current,Bypass Mode	>5A
Nominal Output Voltage	220V
UPS Switch Time	20ms
Peak Output Power	1200W@3S
Nominal Output Frequency	50Hz
Output Waveform	Sine Wave
Total Voltage Harmonic Distortion	3%
Grid Input	
Max. Grid Input Voltage (Absolute Maximum Ratings)	380V
Over Voltage Protection Threshold	280+15V
Under Voltage Protection Threshold	180+15V
Surge Protection	TYPE III
PV Input	
Max. PV Input Power	400W
Max. PV Input Voltage	65V
MPPT Voltage Range	14~60V
Start-Up Voltage	12V
Battery	
Rated Voltage	12.8V
Battery capacity	100Ah
Battery Energy	1280Wh
Cell Type	LFP
Cell Class	Class-A
Cycle life	3000
General Data	
Noise	<50db
Operating temperature range	-10~60°C
Ingress Protection	IP31
Max. Operating Altitude (m)	4000m,>2000m power derating
Dimensions H*W*L (mm)	340mm*326mm*135mm
Weight (kg)	14.8kg