

EnerSalvys

Energy Storage Systems ESS3000LV

This is a multi-functional inverter/charger, combining the functions of inverter, PWM/MPPT solar charger and battery charger to offer uninterrupted power support with portability. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, priority setting for AC/solar charger, and acceptable input voltage setting to suit different applications.



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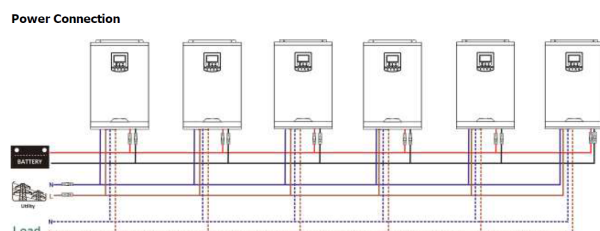
EnerSalvys ESS3000LV Series Specifications

MODEL		AB-ESS3000LV
Capacity	Rated Power	3000 VA / 2400 W
	Parallel capability	Yes, 6 Units
Input	Voltage	110 VAC - 120 VAC
	Selectable Voltage Range	95~140 VAC (For personal computers) 65~140 VAC (For hoe appliance)
	Frequency Range	50 Hz - 60 Hz (Auto sensing)
Output	AC Voltage Regulation (Batt. mode)	110/120 VAC \pm 5% (User selectable)
	Surge Power	6000 VA
	Efficiency Peak	90%
	Transfer Time	10 ms (For personal computers) ; 20 ms (For home appliances)
	Waveform	Pure Sine Wave
Battery	Battery Voltage	24 VDC
	Floating Charge Voltage	27 VDC
	Overcharge Protection	31 VDC
Solar & AC Charger	Solar Charger Type	MPPT
	Maximum PV Array Power	2000 w
	Operating Voltage Range	30 VDC ~ 80 VDC (MPPT Range)
	Max. PV Array Open Circuit Voltage	145 VDC
	Max. Solar Charge Current	80 A
	Max. AC Charge Current	2/10A/20/30A/40/50/60A
	Maximum Charge Current	140 A
	Maximum Efficiency	AC 90% - Solar 98%
Physical	Standby Power Consumption	2 w
	Dimensions(D x W x H in mm)	125 x 300 x 440
Environmental	Net Weight (kgs)	11 Kgs.
	Humidity	5% ~ 95% Relative Humidity (Non-condensing)
	Operating Temperature	0° C ~ 55° C
	Storage Temperature	-15° C ~ 60° C
Interface	Noise Level	46 dB
	Standard	USB, SR232, Current sharing ports
	Dry Contact Connector	Yes
	Parallel Communication ports	Optional with parallel kit
Certification	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.
	Safety	CE

* Specifications subject to change without notice.



Six inverters in parallel:



Two inverters in each phase:

