

# SPECIFICATIONS

<b>MODEL</b>	<b>E-SK4224V1</b>
Rated Power	4200VA/4200W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Output Power	4200W with PV & battery 4000W with battery only
AC Output No.	Dual Outputs
Surge Power	8400VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	450VDC
Maximum PV Array Power	5000W
Maximum PV Input Current	18 A
MPP Range @ Operating Voltage	30 ~ 450 VDC (30 ~ 60VDC with battery connected)
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	90 x 288 x 357
Net Weight (kgs)	9
Communication Interface	RS232/RS485(BMS)/WiFi
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C