

## Features

- System / Inverter start up by AC or battery DC power
- LCD display with setting panel
- Batteries status display of charge, discharge, error... etc.
- Automatic Self-Diagnostic and Electronic Protection Functionality
- MPPT, efficiency up to 98%
- Four stage charge way: MPPT, boost, equalization, float
- Remote monitoring port, WIFI, BT, Internet, 4G... etc. (one of)



MODEL NAME	Solar storage cabinets	SE-5KI	SE-5KB	SE-3KP
CAPACITY	VA/WATT	5KVA/4000W(SP 5000 Initial-M)	5KVA/4000W(SP 5000 Brilliant)	3KVA/2400W(SP 3000Power - M)
AC INPUT	Nominal Voltage	230Vac	230Vac	110/120Vac
	Frequency	50Hz or 60Hz		
OUTPUT	Voltage	230Vac	230Vac	110/120Vac
	Peak Efficiency	93%	90%	90%
	Wave Form	Pure Sine Wave		
TRANSFER TIME	For Personal Computers	10 ms		
	For Home Appliances	20 ms		
PV PANEL	Maximum Power	3000 W	4000 W	2000 W
SOLAR CHARGER & AC CHARGER	Maximum PV Array Open Circuit Voltage	145Vdc		
	Operation Voltage Range	N/A		
	PV Array MPPT Voltage Range	60~115Vdc		
	Maximum Solar Charging Current	60 A	80 A	80 A
	Maximum AC Charging Current	60 A		
	Maximum Charging Current	120 A	140 A	140 A
PHYSICAL	Dimension (D X W X H)	610 x 610 x 1620 mm		
	Net Weight	74 kgs	74.5 kgs	71.5 kgs
BATTERY	Configuration	48Vdc (3KW Li-ion NMC Battery)*2	48Vdc (3KW Li-ion NMC Battery)*2	48Vdc (3KW Li-ion NMC Battery)*2
	Backup Time (Full / Half load)	80 / 170 min * 2	80 / 170 min * 2	135 / 280 min * 2
	Net Weight	37 kgs	37 kgs	37 kgs
Circuit Breaker	AC input	50 A	50 A	40 A
	AC output	32 A	32A	32 A
	PV input	50 A	63 A	50 A
	Battery	100A		
Surge protector	Nominal discharge current	20kA		
	Maximum Discharge current	40kA		
	Maximum service voltage	1000Vdc		

\*1 Li-ion NMC Battery Pack can extend to 15KW for one case , 3KW/PCS

\*2 Backup Time base on Battery Quantity.

\*3 Accessory : Include 10AWG Black/White cable 10M\*2 , Solar to PV Charger Cable 100M.



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