

SP5000 Husky-I / -B / -P

SP Husky Series

Solar energy storage system, Integrated inverter, battery and solar charger

User friendly, easy installation and convenient mobile

Suitable for any kind of applications

Features

- Controllable panel with LCD
- DC start and automatic self-diagnostic function
- Designed to operate under harsh environment
- Low heat dissipation in long time operation
- Innovative MPPT technology, conversion efficiency up to 98%
- Clear readable display of charge/discharge, battery and error description
- Four stage charge way: MPPT, boost, equalization, float
- Full automatic electronic protect function
- Mobile solar system
- High efficiency design for energy storage



Specifications

MODEL NAME	SP5000 Husky-I	SP5000 Husky-B	SP5000 Husky-P	
MODEL OF BUILT-IN INVERTER	SP5000 Initial-M	SP5000 Brilliant	SP3000 Power-M	
CAPACITY	VA/WATT	5KVA/4000W	5KVA/4000W	3KVA/2400W
AC INPUT	Nominal Voltage	230Vac	230Vac	110/120Vac
	Frequency		50Hz or 60Hz	
AC 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 Capacity	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	60A	80A	80A
	Maximum AC Charging Current		60A	
PHYSICAL	Maximum Charging Current	120A	140A	140A
	Dimension (D×W×H)		610×610×1620 mm	
	Net Weight	74 kgs	74.5 kgs	71.5 kgs
BATTERY	Configuration	48Vdc (6KW Lithium battery) *	48Vdc (6KW Lithium battery)*	24Vdc (6KW Lithium battery)*
	Backup Time (Full / Half load)	80 / 170 min	80 / 170 min	135 / 280 min
	Net Weight	37 kgs	37 kgs	37 kgs
CIRCUIT BREAKER	AC input	50A	50A	40A
	AC output	32A	32A	32A
	PV input	50A	63A	50A
	Battery		100A	
SURGE PROTECTOR	Nominal discharge current		20kA	
	Maximum Discharge current		40kA	
	Maximum service voltage		1000Vdc	

Specifications are subject to change without notice.

* 3KW for the single battery pack. Up to 15KW maximum for each model

Each model includes 2 set cable (10AWG, 10M) & PV cable 100M