

# RUBICON

## Hybrid Inverter

5KW-10KWH ALL-IN-ONE ESS

### AC Ratings

Product Code	ST-5KW-HB-65
Rated AC Power	5000VA
Rated AC Voltage	230V AC
AC Voltage Range	180 – 264V AC
AC Frequency	50 / 60Hz
Max. AC Current To Grid	21,7A
Max AC Current To Grid	30A
Power Factor Range	-0,8~+0,8

### PV Input

Model Name	Hyper 5000
Max PV Input	5400W
Max PV Voltage	550V
MPPT Voltage Range	125 – 500V
PV Start Voltage	100V
Max PV Current	10A
No. MPPTs	2
String Inputs Per MPPT	1

### EPS Ratings

Rated AC Power	5000VA
Rated AC Voltage	230V AC
AC frequency	50 / 60Hz
Max. AC Current	21,7A
Power Factor Range	-0,8~+0,8

### Battery Ratings

Battery Type	Lithium
Nominal Voltage	48V
Voltage Range	40 – 60V
Max. Charge Current	100A
Max. Discharge Current	100A
Communication Interfaces	RS485 / CAN

### General Information

Weight	35kg
Dimensions	415 x 675 x 145mm
Operating Temperature	-20~+60 Degrees C
IP Rating	IP65
Ordering Information	
Product Item	Product Code
Hybrid Inverter	ST-5KW-HB-65
LiFePO4 Battery, 4.5kwh	ST-R16-4.5KW-65
Mounting Kits	ST-AIO-5KW

