

22.8  
kWh



ACCESS™

## ACCESS™ WITH PHI™ BATTERIES AND SOL-ARK® INVERTER

Comprehensive Energy Solution



## SPECIFICATIONS

OVERVIEW	
Model Number	A-6PHI
Dimensions	29.5" W x 76"H (w/feet) x 20" D / 75 cm W x 193 cm H x 51 cm D
Weight	600 lbs. (270 kg.) w/o batteries
Enclosure Rating	NEMA 3R Outdoor Rated
Operating Temperature¹	-13 – 140 °F (-25 – 60 °C)
Mounting	Free-standing or Pad-mounted
Enclosure Warranty Period	2 years
Certifications	Certified to UL 9540, UL 9540A Fire Safety Tested, UL 1741 SA, IEEE 1547.1-2020, IEC/EN 62109-1&2, EN 61000-6-2&3, EN 61000-3-11&12
Inverter Specifications	
Sol-Ark	Sol-Ark-12K
Application	On or Off-Grid
AC Connections	1 Bi-Directional Grid Port (63A double-pole), 1 UPS Load Output (63A double-pole), 1 Generator Port (50A double-pole); can be used for Smart Loads output
Output Frequency	60 Hz or 50 Hz (50 Hz available upon request)
Output Voltage Range	L-N: 120VAC; L-L: 240VAC L-L:208VAC (2/3 phases) 230VAC
Off-Grid Output Power System	9 kW Continuous
Solar PV Continuous Power	12 kW
Inverter AC Continuous Power	9 kW
Max Output Charging Current	185 ADC
CEC Efficiency	96.5%
Grid to Battery Charging Efficiency	96%

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ENERGY SOLUTIONS

<b>Warranty Period</b>	10 yr standard
<b>Parallel Stacking</b>	Yes
<b>Solar PV - DC Coupled</b>	
<b>Sol-Ark MPPT</b>	Dual
<b>Max Connected PV Power</b>	13 kW
<b>Min PV Array Starting Voltage</b>	125 VDC
<b>Max Open Circuit PV Array Voltage</b>	500 VOC per PV String
<b>Other Features</b>	
<b>Internet Connected Computer or Phone App</b>	MySol-Ark app
<b>Automatic Generator Start</b>	Two-wire automatic generator start
<b>Battery</b>	
<b>Battery Brand</b>	PHI 3.8 kWh-48V
<b>Rated kWh Capacity @ C/2</b>	22.8 kWh, up to 164.2 kWh with additional BOSS cabinets
<b>Usable kWh Capacity @ 80% DoD</b>	18.2 kWh, up to 131.4 kWh with additional BOSS cabinets
<b>Max Combined Output Power</b>	9 kW
<b>Max Charge Current</b>	100 A
<b>Charging Temperature</b>	32°F to 120°F (0°C to 49°C)
<b>Depth of Discharge</b>	Up to 100% DoD
<b>Round Trip Efficiency</b>	98%
<b>Warranty Period</b>	10 years



<sup>1</sup> Max operating ranges. Refer to Installation Manual for recommended conditions.

All specifications listed are typical/nominal and subject to change without notice.

Engineered and Manufactured in California, USA

Briggs & Stratton has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice. Please visit [energy.briggsandstratton.com](https://energy.briggsandstratton.com) for the latest information.

BS1503 - 4-11-25



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