

Phocos Any-Grid™ PSW-H-5KW-120/48V & PSW-H-6.5KW-120/48V Comparison



The Any-Grid™ PSW-H-6.5KW-120/48V brings numerous improvements over the PSW-H-5KW-120/48V. This provides a significant net benefit to the customer, contributing to the reduction of up-front system cost, higher power reserves, the ability to build larger power systems and harvesting considerably more solar power by allowing higher capacity solar arrays to be fully utilized.

	PSW-H-5KW-120/48V	PSW-H-6.5KW-120/48V	Customer Benefit
Rated AC Output Power	5000 VA / 5000 W	6500 VA / 6500 W	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="background-color: #f44336; padding: 2px;">PSW-H-5KW-120/48V</div> <div style="background-color: #009688; padding: 2px;">PSW-H-6.5KW-120/48V</div> </div> <div style="font-size: 2em; margin-left: 10px;">+30%</div> </div>
Max. AC Output Power in Parallel, 3-Phase or Split-Phase	9 units, up to 45 kW total	9 units, up to 58.5 kW total	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="background-color: #f44336; padding: 2px;">PSW-H-5KW-120/48V</div> <div style="background-color: #009688; padding: 2px;">PSW-H-6.5KW-120/48V</div> </div> <div style="font-size: 2em; margin-left: 10px;">+30%</div> </div>
Max. Battery Charge Current from AC	80 Adc	120 Adc	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="background-color: #f44336; padding: 2px;">PSW-H-5KW-120/48V</div> <div style="background-color: #009688; padding: 2px;">PSW-H-6.5KW-120/48V</div> </div> <div style="font-size: 2em; margin-left: 10px;">+50%</div> </div>
Max. Battery Charge Current from PV	80 Adc	120 Adc	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="background-color: #f44336; padding: 2px;">PSW-H-5KW-120/48V</div> <div style="background-color: #009688; padding: 2px;">PSW-H-6.5KW-120/48V</div> </div> <div style="font-size: 2em; margin-left: 10px;">+50%</div> </div>
Max. Usable PV Power	4800 W total	8000 W total	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <div style="background-color: #f44336; padding: 2px;">PSW-H-5KW-120/48V</div> <div style="background-color: #009688; padding: 2px;">PSW-H-6.5KW-120/48V</div> </div> <div style="font-size: 2em; margin-left: 10px;">+67%</div> </div>
Any-Bridge™ AB-PLC & PhocosLink Cloud compatibility	Units produced before September 2021 require a firmware update	Ready without any firmware updates	Any-Bridge AB-PLC & PhocosLink Cloud compatibility: plug & play ready
Certifications	RoHS	RoHS, UL1741, CSA C22.2 No. 107.1-16, FCC Class A	UL1741, CSA C22.2 No. 107.1-16, FCC Class A