



## PHI 1.4 BATTERY 12V & 24V



**Utilizes** the safest Lithium Ferro Phosphate (LFP) chemistry available. No cobalt or explosive hazards that put customers at risk.

**Delivers** safe, highly efficient and cost-effective performance over the life of both small mobile and larger residential installations, on or off-grid.

**Supports** balance-of-system equipment and optimizes any power generation source – generator, grid, solar, wind – with scalable, on-demand energy storage.

- ✓ **Best value** with our 10-year Warranty, engineering expertise & technical support.
- ✓ **Smaller form factor** streamlines integration into smaller, mobile or remote applications.
- ✓ **System compatibility** with a wide range of inverters & charge controllers.
- ✓ **More power** available with more rapid charge & discharge rates.
- ✓ **Easier installations** featuring an integrated on/off breaker.



Power. On Your Terms.  
[simplhipower.com/rv](https://simplhipower.com/rv)



PHI 1.4™	12V	24V
B&S Model Number	00000	
DC Voltages - Nominal	12.8 VDC	25.6 VDC
Amp-Hours	115 Ah	57 Ah
Rated kWh Capacity	1.4 kWh DC @ 100% DOD 1.12 kWh DC @ 80% DOD	1.4 kWh DC @ 100% DOD 1.12 kWh DC @ 80% DOD
MAX Discharge Rate (10 minutes)	100 Amps DC (1.2 kW DC)	60 Amps DC (1.53 kW DC)
MAX Continuous Discharge Rate	57 Amps DC (0.69 kW DC)	28.5 Amps DC (0.73 kW DC)
MAX Continuous Charge Rate	57 Amps DC (0.69 kW DC)	28.5 Amps DC (0.73 kW DC)
DC Voltage Range <sup>1</sup>	12 VDC to 14 VDC	24 VDC to 28 VDC
Depth of Discharge <sup>1</sup>	up to 100%	
Operating Efficiency	98%	
Charging Temperature <sup>1</sup>	32° to 120° F (0° to 49° C)	
Operating Temperature <sup>1</sup>	-4° to 140° F (-20° to 60° C)	
Storage Temperature	6 months: 14° to 77° F (-10° to 25° C) 3 months: -4° to 113° F (-20° to 45° C)	
Self-Discharge Rate	< 1% per month	
Cycle Life	10,000+ cycles (@ 80% DOD)	
Memory Effect	None	
Warranty	10 years	
Weight	33 lbs. (15.1 kg)	
Dimensions (W x H x D)	11.25 x 9.25 x 7.25 in. (23.495 x 28.575 x 18.415 cm)	
Certifications	UL, CE, UN/DOT 38.3, RoHS - UL1642	

PHI 1.4™	12V	24V
Bulk & Absorb Charge	14 VDC	28 VDC
Absorb Time	1 HR	1 HR
Charge Controller Float Charge	13.5 VDC	27 VDC
Inverter Charging	2 STAGE NO FLOAT	
Equalization Charge	NONE	
Temperature Compensation	NONE	

1. Max operating ranges. Refer to Installation Manual for recommended conditions.

- All specifications listed are typical/nominal and subject to change without notice.
- UN 3480, Lithium-ion batteries, Class 9, Group II
- Engineered and manufactured in California, USA

Refer to the Integration Guide section of SimpliPhi's [Product Documentation](#) web page for inverter and/or charge controller specific settings. Must be followed to maintain PHI Warranty.