

PureStorage 3-Phase

3.84kWh 3-Phase Battery Modules Datasheet

11.5kWh 15.3kWh 19.2kWh 23.0kWh



High Performing

10,000 cycles at 90% DOD



Modular

Up to 23kWh (6*3.84kWh)



Safer and Reliable

Superior LiFePO4 Safety Performance
10 years standard warranty



High Expandability

System parallel supported
to realize bigger capacity



Master BMS

3.84-BMS

Operation Voltage [Vdc]	200~900
Max. Charge/Discharge Current [A]	50
Functions	Pre-charge, Over-Less Voltage/ /Over-Less Temperature Protection, Cells Balancing/SOC-SOH calculation etc.
Communication Protocol/Connector Type	CAN/RS485 ModBus, TCP/IP/ RJ45
Power Connection Type	AIO kit
User Interface	LED Light(standard)/LCD Display(Optional, need to confirm upon order)
Dimension [W*H*D mm]	656*322*173.3
Weight	12kg
Operating Temperature [°C]	-20~55
Ingress Protection	IP65
Installation Method	Wall Mounted
Warranty	10 years



Battery Module

3.84-LFP

Nominal Voltage/Capacity per Module	76.8V/3.84KWH [50Ah]
Expand Capability[Solis RHI-3P(5-10)K-HVES-5G]	3~6 batteries series connection
DOD Recommended	90%
Max. Charge/Discharge Current [A]	50A Continual
Recommend Charge/Discharge Current [A]	25A Continual
Communication Protocol/Connector Type	CAN/ RJ45
Power Connection Type	AIO kit
Dimension [W*H*D mm]	656*322*173.3 per module
Weight	44kg
Charge Temperature Range [°C]	0~55
Discharge Temperature Range [°C]	-20~55
Ingress Protection	IP65
Installation Method	Wall Mounted
Cables Connection Method	Connection from side
Warranty	10 years or 10,000 cycles @90% DOD

Battery quantity configuration

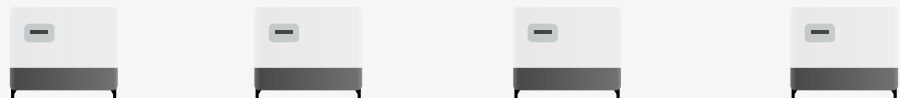


	3*3.84kWh+BMS	4*3.84kWh+BMS	5*3.84kWh+BMS	6*3.84kWh+BMS
Nominal Voltage/Capacity	230V/11.5kWh	307V/15.3kWh	384V/19.2kWh	460V/23kWh
Operation Voltage [Vd]	180~262	240~350	300~438	360~525
DOD Recommended	90%	90%	90%	90%
Dimension [W*H*D mm]	656*1288*173.3	656*1610*173.3	656*1932*173.3	1312*1288*173.3
Weight	144kg	188kg	232kg	276kg
Charge Temperature Range [°C]	0~55	0~55	0~55	0~55
Discharge Temperature Range [°C]	-20~55	-20~55	-20~55	-20~55
Ingress Protection	IP65	IP65	IP65	IP65

PureStorage II 3-Phase HV Battery Capabilities

	3*3.84kWh+BMS	4*3.84kWh+BMS	5*3.84kWh+BMS	6*3.84kWh+BMS
Battery Capacity [kWh]	11.5	15.3	19.2	23
Max. Charge and Discharge [kW]	5.7	7.6	9.6	10

Inverter Capabilities



	RHI-3P-5K-HVES-5G	RHI-3P-6K-HVES-5G	RHI-3P-8K-HVES-5G	RHI-3P-10K-HVES-5G
Max. Charge/Discharge [kW]	5	6	8	10
Max. PV [kW]	8	9.6	12.8	16

*PureDrive reserves the right to modify the technical datasheet and appearance of the product in the catalogue without prior advice to the users.