

PureStorage 3-Phase

3.84kWh 3-Phase Battery Modules Datasheet

11.5kWh/ 15.3kWh/ 19.2kWh/ 23kWh/ 26.9kWh/ 30.7kWh



High Performing

10,000 cycles at 90% DOD



Modular

Up to 30.7kWh (8*3.84kWh)



Safer and Reliable

Superior LiFePO4 Safety Performance
10 years standard warranty



High Expansibility

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

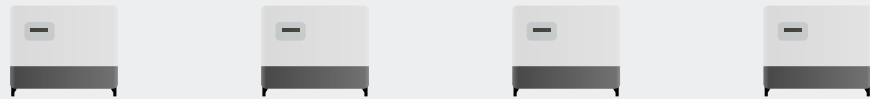
Nominal Voltage/Capacity per Module	76.8V/3.84KWH [50Ah]
Expand Capability	3~8 batteries series connection
DOD Recommended	90%
Max. Charge/Discharge Current [A]	50A Continual
Recommend Charge/Discharge Current [A]	25A Continual
Communication Protocol/Connector Type	CAN/ RJ45
Power Connection Type	AIO 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

PureStorage II 3-Phase HV Battery Capabilities



	3*3.84kWh+BMS	4*3.84kWh+BMS	5*3.84kWh+BMS	6*3.84kWh+BMS	7*3.84kWh+BMS	8*3.84kWh+BMS
Nominal Voltage/Capacity	230V/11.5kWh	307V/15.3kWh	384V/19.2kWh	460V/23kWh	537V/26.9kWh	614V/30.7kWh
Operation Voltage [Vd]	180~262	240~350	300~438	360~525	420~613	480~701
DOD Recommended	90%	90%	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	1312*1288*173.3	1312*1610*173.3
Weight	144kg	188kg	232kg	276kg	320kg	364kg
Charge Temperature Range [°C]	0~55	0~55	0~55	0~55	0~55	0~55
Discharge Temperature Range [°C]	-20~55	-20~55	-20~55	-20~55	-20~55	-20~55
Ingress Protection	IP65	IP65	IP65	IP65	IP65	IP65

Hybrid Inverter



	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
Max Batteries	6	6	6	6

Hybrid Inverter



	HHT-5000	HHT-6000	HHT-8000	HHT-10000	HHT-12000
Max. Charge/Discharge [kW]	5	6	8	10	12
Max. PV [kW]	7.5	9	12	15	18
Max Batteries	8	8	8	8	8

*Up to 10 Hypontech inverters can be installed in Parallel with 8 batteries in series each.

AC-Coupled Inverter



	HBT-5000	HBT-6000	HBT-8000	HBT-10000	HBT-12000
Max. Charge/Discharge [kW]	5	6	8	10	12
Max Batteries	8	8	8	8	8

*Up to 10 Hypontech inverters can be installed in Parallel with 8 batteries in series each.

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