

PureStorage 3-Phase

Battery Modules & BMS - Technical Specification



PureStorage DC 3PH Modules with BMS
Compatible with Solis & Hypontech 3-Phase Inverters
Modular up to 8 x 3.84kWh (30.72 kWh)

Key Battery Features

-  10,000 cycles at 90% DOD
-  1C/1C charge and discharge
-  Plug-and-play (all cables included)
-  Master/slave autoselect
-  Wall-mount
-  Modular capacity dependent on inverter
-  Module-level auto-balancing
-  Superior LiFePO4 Safety Performance
-  10 years standard warranty

Purestorage 3.84kWh 3-Phase HV Battery - Technical Specification



3.84 Master BMS



Battery module



Wall-mount bracket supplied with units

Product	Master BMS
Model no.	3.84-BMS
Operation Voltage [Vdc]	200~900
Max. Charge/Discharge Current [A]	50A
Functions	- Cells balancing/SOC-SOH calculation - Pre-charge over-less voltage - Over-less temperature protection
Communication Protocol/Connector Type	CAN/RS485 ModBus, TCP/IP/ RJ45
Power Connection Type	AIO kit
User Interface	LED Light(standard)/LCD Display (Optional, confirm upon order)
Dimensions (mm, W x H x D)	656 x 322 x 173mm
Weight (kg)	11g
Operating Temperature(°C)	-20~55°C
Installation Method	Wall-mount
Warranty	10 years

Product	PureStorage DC 3PH
Model no.	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
Expand Capability [Hypontech HHT-3P(5-12)K]	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
Dimensions (mm, W x H x D)	656 x 322 x 173mm
Weight (kg)	35kg
Charge Temperature Range (°C)	0~55°C
Discharge Temperature Range (°C)	-20~55°C
Installation Method	Wall-mount
Cables Connection Method	Connection from side
Warranty	10 years or 10,000 cycles @90% DOD

PureStorage 3.84kWh 3-Phase HV Battery

Technical Specification continued



PureStorage II 3-Phase HV Battery Capabilities

Model No. & Configuration	3 x 3.84kWh + BMS	4 x 3.84kWh+BMS	5 x 3.84kWh+BMS	6 x 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

Battery Quantity Configuration

Nominal Voltage/Capacity (kWh)	230V/11.5kWh	307V/15.3kWh	384V/19.2kWh	460V/23kWh
Operation Voltage [V]	180~262	240~350	300~438	360~525
DOD Recommended	90%	90%	90%	90%
Dimensions (mm, W x H x D)	656 x 1288 x 173mm	656 x 1610 x 173mm	656 x 1932 x 173mm	1312 x 1288 x 173mm
Weight (kg)	144kg	188kg	232kg	276kg
Charge Temperature Range (°C)	0~55	0~55	0~55	0~55
Discharge Temperature Range (°C)	-20~55(°C)	-20~55(°C)	-20~55(°C)	-20~55(°C)

Compatible Inverters



Solis S6
Up to 23.04kWh (6 x 3.84kWh)



Hypontech
Up to 30.72kWh (8 x 3.84kWh)