Pakistan

PYLONTECH

Fidus Battery

Extraordinary Performance

Continuous 1C Rate

Peak Rate 2C@15S

97% DOD

Resilient in Harsh Conditions

Various Outdoor Scenarios Available

Top Anti-Corrosion Level

Flexible and Compatible

Strong Scalability from 5kWh~583kWh (1-114 Modules)

50+ Popular Inverter Brands Compatible

Wall/ Ground/ Rack Mounted Applicable

ACROSS THE BOUNDARIES
POWER TO INFINITE

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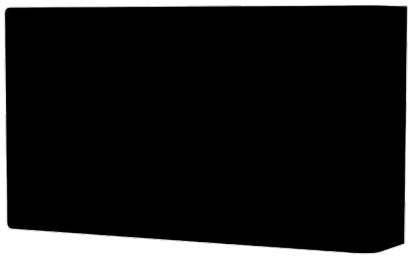
PYLONTECH



Module FB-L-5.12-PK

Fidus-Battery

Nominal Voltage (VDC)		51.2V
Battery Module Capacity (kWh)		5.12
Usable Capacity (kWh)		4.97
Dimension (W*D*H mm)		638*137*370
Weight (kg)		45
Depth of Discharge		97%
Charge/ Discharge (A)	(Normal)	100
	(Max)	100
	(Peak)	121~200@15s
Communication port		RS485/CAN
IP rating		IP20
Anti-corrosion		C5-M
Multi-Group		6
Single String Quantity (pcs)		20*
Working Temperature (℃) Charge		-10~55*
Working Temperature (℃) Discharge		-10~55*
Storage Temperature (℃)		-20~60
Humidity (RH)		5%~95% No condensation
Short current/duration time (A)		<1000/ms
Altitude (m)		≤4000
Design life @25℃		15years
Cycle life @25℃		>8000
Certification		IEC62619/UN38.3/RoHS/Reach/WEEE/EMC/CE/IEC62040

*19 pcs for multiple strings installation
*Degradation at temperatures above 50°C