PYLONTECH

US 3000D RESIDENTIAL ESS

Ideal for Back Up
Tailored for off-grid system .

Cost-Effective
More affordable for both initial investment and ongoing maintenance .
Safe and Reliable .

Ease for Installation
Simple setup, ideal for DIY systems .

Safe and Reliable
Operates at a lower risk level, ensuring safety in homes .



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US 3000D

Flexible for Mixed Usage

Free to Scale Up

19 inch Rack Compatible

Ultra Cost effectiveness



Module		US 3000D
Nominal Voltage (VDC)		48
Battery Module Capacity (kWh)		3.6
Usable Capacity (kWh)		3.3
Dimension (W*D*H mm)		442*410*132
Weight(kg)		30
Depth of Discharge		95
Charge/ Discharge (A)	(Normal)	37
	(Max)	74-89@60sec
	(Peak)	90~200@15sec
Communication port		RS485, CAN
IP rating		IP20
Single String Quantity (pcs)		16
Working Temperature/ (℃) Charge		0℃~50℃
Working Temperature/ (℃) Discharge		-10℃~50℃
Storage Temperature/ (℃)		-20℃~60℃
Humidity (RH)		5% ~ 95%(RH) No Condensation
Short current/duration time (A)		<4000A/2ms
Altitude (m)		<4000
Design life (@25℃)		15+ Years
Cycle life (@25℃)		>8,000
Certification		IEC62619/IEC63056/IEC62040-1/UN38.3