

UJONWE®

14.33kWh 280Ah
Floor-standing Home ESS

TFL-280-G



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Peak Shaving
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Power Stable output
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Green Energy
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Flexible Installation

SPECIFICATIONS

UJONWE®

ITEM	SPECIFICATIONS
MODEL	TFL-280-G
Battery Type	LFP
Rated Capacity (kWh)	14.33 (kWh)
Recommended Maximum Capacity (kWh)	12.03 (kWh)
Rated Voltage (V)	51.2 (V)
Voltage Range (V)	45.2 ~ 58.4 (V)
Maximum Charge and Discharge Current (A)	140 (A)
Maximum Charge and Discharge Power (kW)	8.17 (kW)
Battery Status	4 * LEDs (displaying 25%, 50%, 75%, and 100% of the battery level)
Status Display	2 * LEDs (displaying the working status and alarm status respectively)
Communication Mode	Controller Area Network (CAN) / 485 communication mode
Operating Temperature (°C)	-10°C ~ +50°C
Operating Humidity (Relative Humidity, RH)	5% ~ 95%
Operating Altitude (m)	2000 meters
Protection Level	IP55 protection level
Cycle Index	The number of cycles is greater than 6000 times (DOD 80%)
Dimensions (W * H * D , mm)	440 mm × 800 mm × 240 mm
Weight (kg)	100 kg
Certification	Compliant with EC62619/IEC60730/EN61000/UN38.3 standards
Warning	Overcharge, overdischarge, overcurrent, overtemperature, short circuit (warning situations)
Warranty	5 year quality guarantee