

The **DH-314T16R** is a low-voltage battery unit designed for household energy storage. Each unit provides 16 kWh of capacity and can be expanded with up to six units in parallel through floor-standing installation, making it an ideal solution for meeting home electricity needs.



Safety

- LiFePO4 safe battery chemistry of higher energy density
- Smart built-in BMS and comprehensive hardware protection



Easy Management

- Dynamic SOC calibration
- Support remote monitoring through mobile phone APP & global Cloud platform available



Expandability

- Support up to 6 packs in parallel connection
- Easy installation for larger capacity



Compatibility

- Compatible with most mainstream inverters



Certifications

CE-EMC/CE-RED/IEC62619/UN38.3/MSDS

Technical specification:

Model		DH-314T16R
Total Energy		16.07kWh
Usable Energy*		15.27kWh
Voltage		44.8~57.6Vd.c.
Nominal Voltage		51.2Vd.c.
Rated Capacity		314Ah
Max. Charge Voltage		57.6Vd.c.
Nominal Discharging Current		150A(1P) /160A(2P~6P)
Nominal Charging Current		150A(1P) /160A(2P~6P)
Weight		120kg
Dimension(mm)(H*L*W)		871*450*250mm
Recommended DOD		95%
Operating Condition		Indoor
Operating Temperature	Charge	0~55°C
	Discharge	-15~55°C
Storage Temperature Range		0 °C to 40 °C @60±25% Relative Humidity
Humidity		15% ~ 85%RH (No Condensation)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Installation		floor-standing
IP Rating		IP 20
Heating unit(optional)		150W
Screen (Optional)		LED
Protective Class		I
Max. Connection Number		6P
Communication		CAN / RS485
WiFi		Yes
Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over-temperature
Certificates		CE,UN38.3,MSDS
Warranty		10 years

*Testing conditions based on temperature 25°C at the beginning of life. Total Energy/Usable Energy are measured with a standard test method: 0.2C Charge and Discharge. As per the characteristics of lithium batteries, such parameters as the charge/ discharge current and efficiency listed above are subject to change. The final right of interpretation is reserved by Jiangsu SolarEast Energy Storage Technology Co., Ltd.