

ZT-16F



Model	ZT-16F
Product Specification	
51V314Ah	
Battery Parameters	
Battery Type	LFP (LiFePO4)
Rated Voltage (V)	51.2
Voltage Range (V)	43.2 - 57.6
Equalizing Voltage (V)	57.6
Charge-Down Current Turn-On Conditions (V)	Single Voltage ≥ 3.55
Charge Current Cut Off Voltage (V)	57.6 or single voltage ≥ 3.63
Maximum Charge / Discharge Current (A)	200 / 200
Discharge Cut Off Voltage (V)	SOC $\leq 5\%$
	Total Voltage ≤ 46.2
	Single Voltage ≤ 2.7
Rated Battery Capacity (Ah)	314
Rated Battery Energy (kWh)	16
Charge Temperature ($^{\circ}\text{C}$)	0 ~ +55
Discharge Temperature ($^{\circ}\text{C}$)	-20 ~ +55
Storage Temperature ($^{\circ}\text{C}$)	-30 ~ 45 (1 month); -30 ~ 35 (6 months)
General Properties	
Size [W x D x H] $\pm 3\text{mm}$	541 x 316 x 882
Battery Pack Weight (kg) $\pm 3\text{kg}$	139.5

The rated capacity indicates the current discharged by charging with 0.5C current to the cut off under the condition of $25 \pm 5^{\circ}\text{C}$, and then discharging with 0.5C to the cut off state after standing for 30min.