



LTD-Series

PWM Solar charge controller

Features

- Self adjust automatically 48V
- LED display shows the mode
- Three states of charge way
- PWM (Pulse Width Modulation)Technology
- Programmable Light and Time Control(1-13h)
- Electronic protection
- Standby Loss less than 5mA



Specification

Model	LTD4820	LTD4830
Rated charging current	20A	30A
Rated discharging current	20A	30A
Short-current protection	55A	55A
System voltage	48V Auto adapt	
Over current protection	<1.3 maintain for 60s	
	<1.6 maintain for 5s	
	>1.6 shut down immediately	
Stand-by lost	<5mA	
Charge voltage drop	≤0.26V	
Discharge voltage drop	≤0.15V	
Battery over voltage protection	68V	
Operating temperature	-35°C to +55°C	
Equalize charging voltage	59.2V	
Bulk charging voltage	54.4V	
Acceptance charging voltage	56.8V	
Float charging	55.2V	
Charge return voltage	52.8V	
Discharge stop voltage	44.8V	
Discharge return voltage	50.4V	
Temperature compensation	N/C	
Control mode	PWM(Pulse Width Modulation)	
Maximum wire size	12AWG	
Size/weight	140×90.5×28.5mm/210g	

Attn : 2.voltage tolerance 1%

3.Product specifications are subject to change without prior notice