

PARAMETER	SPECIFICATION
MODEL	LD-WHFCI-6500W-48V-EN
<b>AC INPUT</b>	
Rated Input Voltage (VAC)	208/220/230/240;L + N + PE
Voltage Range (VAC)	90~280 (APP/GEN mode); 170~264 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
<b>AC OUTPUT</b>	
Rated Capacity (kVA/kW)	6.5
Surge Power (kVA)	12
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency (Hz)	50/60
Switch Time (ms)	10 (APP/UPS mode)/20 (GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	1min@102%-110% load, 10s@110%-200% load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
<b>CHARGER (PV / AC)</b>	
Solar Charger Type	MPPT
Max. PV input Current (A) / Input Power(W)	27/9000
MPPT Range @ Operating Voltage (VDC)	60~450
Max. PV Open Circuit Voltage (VDC)	500
Max. PV Charge Current (A)	120
Max. AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
<b>BATTERY</b>	
Rated Voltage (VDC)	48
Max. Charging Current(A)	120
Max. Discharging Current(A)	140
Battery Type	Lithium / Lead-acid
<b>INTERFACE</b>	
HMI	5 inch LCD
Interface	RS485 / CAN / RS232
Monitoring	WiFi(optional/built-in/external)
<b>GENERAL DATA</b>	
Ingress Protection	IP54
Operating Temperature (°C)	-10-60
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature (°C)	-15-60
Net Weight (kg)	8.4
Gross Weight (kg)	9.5
Dimensions (H*W*D) (mm)	410*336*110 (without bracket)
Package Dimensions(H*W*D) (mm)	490×394×176mm
Max. Operating Altitude (m)	4000 (Derating above 2000)