All-In-One

Rechargeable LiFePO4 Battery

ESS300



Universal Wheel
Wheel design, easy to move

Safer to Use
High-density LiFePO4 battery

Long Battery Life
6000 cycles life (DoD 80%)

Super Silent
Noise less than 60 decibels

Stable & Reliable
BMS
Advanced BMS management

Smart Charging
Avoid overcharging & Extending battery life

Model	ESS300
Rated Power	3200VA/3200W

AC INPUT	
AC Voltage	230VAC
Voltage Range	170-280VAC(For Personal Computers),90-280 VAC (For Home Appliances)
Frequency Range	50/60Hz(Auto sensing)

SOLAR CHARGER &AC CHARGER	
Maximum PV Array Open Voltage(V)	500VDC
Maximum PV Array Power	3500W
MPPT voltage range(V)	30~450VDO
Maximum input current	15A
MPPT tracker/strings	1
Maximum solar charge current	100A

BATTERY	
Battery Voltage	25.6VDC
Battery type	LiFePO4
Battery Energy	7.68kwh
Maximum discharge current	100A

AC OUTPUT	
Surge Power	6400VA
AC Voltage Regulation (Battery Mode)	230VAC +5%
Rated frequency	50/60Hz
Efficiency (Peak)	93%
Transfer Time	10ms (For Personal Computers),20ms (For Home Appliances)
Maximum AC charge current	80A

PROTECTION & FEATURE	
AC overcurrent	Yes
AC overvoltage	Yes
Over temperature protection	Yes
Smart load management	NO
On Grid	Yes (optional)

GENERAL PARAMETERS	
Dperation temperature	-10°C~50°C
Relative humidity	5%~95%(Non-condensing)
Altitude	(2000m Derating)
Dimensions DxWxH(mm)	460*340*573mm(with wheels)
Net Weight(KG)	70

CERTIFICATION & SAFETY STANDARD	
Certification	CE ,UN38.3 ,MSDS