

STE-PS 30~32kWh

Free Stand Lithium Ion Batteries



WIFI & Bluetooth
Smart BMS



Easy Installation
Plug and Play



Expandable
Max 63 Pcs in Parallel



Safety LiFePO4
LFP Battery Chemistry



Whole module non-toxic, pollution-free



Support high discharge power,
module level Auto-balancing, under-
voltage automatic restart.

Model	STE-PS30	STE-PS32
Battery Type	51.2V 600Ah LiFePO4	51.2V 640Ah LiFePO4
Nominal Energy(kWh)	30.8	32.8
Usable Energy(kWh)	27.6	29.5
Peak Output Power(kW, 10Seconds)	15.4	
Round-Trip Efficiency	≥ 97.5%	
Nominal Voltage(V)	51.2V	
Operating Voltage(V)	44-58.4	
Max. Charge / Discharge Current(A)	200/200	
Communication	CAN,RS485	
Enclosure Protection Rating	IP21	
Operating Temperature(°C)	-20~60	
Cooling Type	Natrul Cooling	
Installation	Free Stand, Indoor	
Cycles Life	>6000(25°C)	
Design Life	20+ Years(25°C @77 °F)	
Recommend DOD	90%	
Dimension(W*H*D,mm)	815*850*240	
Weight(kg)	218	244
Humidity	5%-85%	
Altitude(m)	<2000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UN38.3	
Scalability	Max 63 Pcs in Parallel	