Battery Energy Storage System

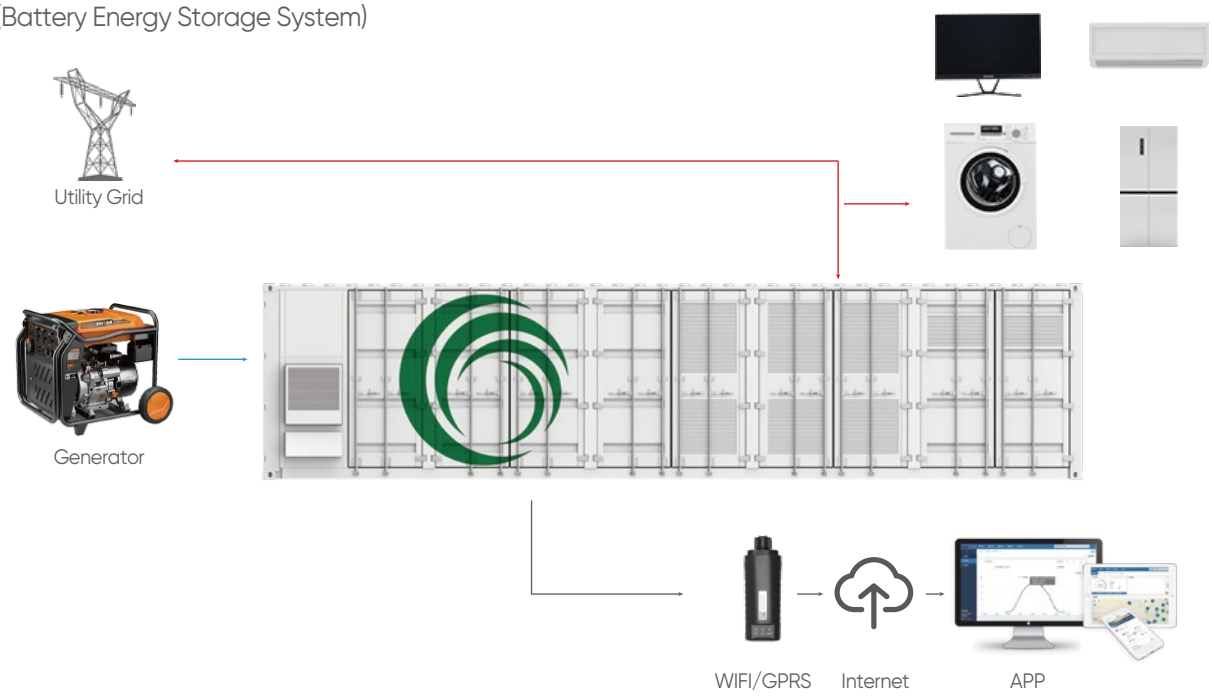
US Voltage

SP-1MW3-PCS

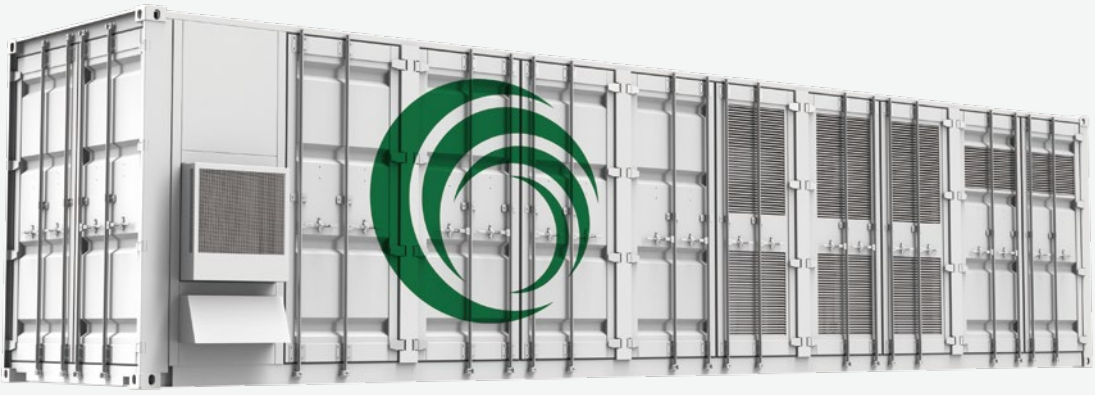
Web: www.sunpal-energy.com Email: frankie@sunpalsolar.com Tel: +86 183 5508 8031

SP-1MW3-PCS

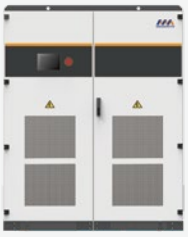
(Battery Energy Storage System)



SOLAR SYSTEM KIT

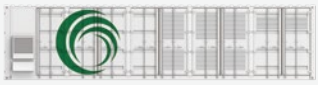


Solar Inverter



Lithium Battery

Container



Wifi Monitor

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Inverter

Parameter	
Model	MEGA0500TS
Voltage range (V)	500~850
MPPT voltage range	1128
AC(on-grid)	
Rated voltage (V)	480
Rated frequency (Hz)	50/60
THDi	<3%
Power factor	1lagging-1leading (Settable)
AC connection	3W+N+PE
General Data	
Max.efficiency	97.50%
Ingress protection	IP21
Noise emission (dB)	<70
Operating temperature (°C)	-30~55
Cooling	Forced air
Dimension W*D*H (mm)	1600*1050*2050
Net weight(kg)	2665
On/ Off grid switching	Automatic

- Reactive power, active power adjustable
- Supports controlled power AC and DC redundant power supply
- Built-in isolation transformer, adapt to impact load
- Support 4 pcs in parallel

MEGA0500TS

Inverter

Lithium Battery

716.8V
280Ah

Rack-Mounted
LiFePO4 Battery

- Quick Customization of Electricity
- Easy Installation Flexible Expansion
- Emergency-Backup and Off-Grid Functionality
- Safety first Smart BMS system

Parameter	
Nominal Capacity	280Ah
Nominal Voltage	716.8V
Max.Charging Current	140A
Max.Discharging Current	140A

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