

CSSC

FENGFAN CO.,LTD.

SPT-3800 Series

Wall Mounted/Free Stand LFP Battery Modules



BATTERY AUTO-SLEEP &
WAKE-UP UPON
INVERTER COMMAND



BATTERY AUTO-
FORCE CHARGE



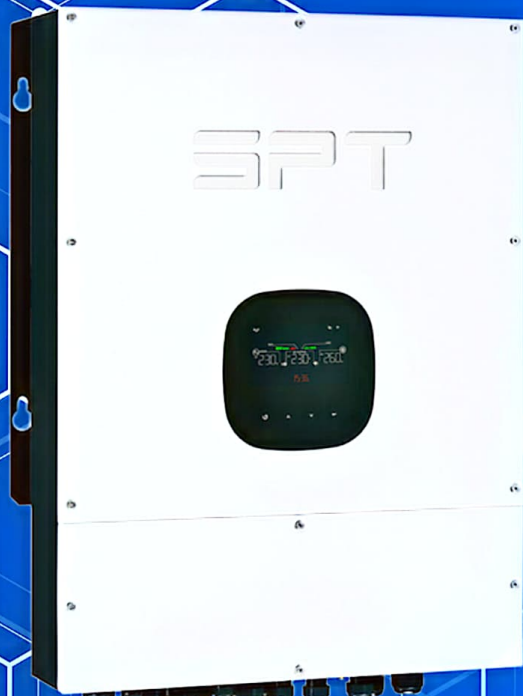
SUPERIOR
PERFORMANCE



THERMAL HEATER
FUNCTION

SPT-3800A Series	SPT-3800A(10KWh)	SPT-3800A(15KWh)	SPT-3800A(20KWH)
AC Voltage (Nominal)	120 / 240V		
Feed - In	Split Phase		
Grid Frequency	60Hz		
Total Energy	10kWh	15kWh	20kWh
Usable Energy	9kWh	13.5kWh	18kWh
Real Power, Max Continuous	5kW(charge & discharge)		
Apparent Power, Max Continuous	5.8kVA (charge & discharge)		
Max Supply Fault Current	10kA		
Max output Fault Current	32A		
Overcurrent Protection Device	30A		
Internal Battery DC Voltage	50V		
Warranty	10YEARS		
Width x Height x Depth (Inches)	31.5x29.33x5.96	47.24x29.33x5.96	63.00x29.33x5.96
Weight	255.74lbs	383.61lbs	511.48lbs
Installation	Wall Mount or Free Stand		
Operating Temperature	Charge: 32 ~ 131 ° F / Discharge: -4 ~ 140 ° F		
Environment	Rated for Indoor / Outdoor		
Enclosure Certification Rating	NEMA 3R		
Ingress Rating (resistance against dust or liquid)	IP65(Storage Box & Electrical Power);IP56(Wiring)		

SPT-3800 Inverter



SMART

DESIGNED FOR
INDOOR AND OUTDOOR

WI-FI
COMPATIBILITY

WEBTV

REAL-TIME
MONITORING

WATER RESISTANT
IP65

Model	WPLV 6W
Rated Power	6000W
PV Input(DC)	
Max DC Power	7500W
Nominal DC Voltage	360VDC
Max DC Voltage	600VDC
Working DC Voltage Range	120VDC~550VDC
Max Input Current	2X15A
Isc PV (absolute Max)	21A
Max inverter back feed current to the array	0A

Grid Output(AC)	
Nominal Output Voltage	120 VAC(P-N) / 208 VAC(P-P) / 240 VAC(P-P)
Output Voltage Range	105.5 - 132 VAC per phase
Output Frequency Range	47.5 ~ 51.5 Hz or 59.3 ~ 60.5Hz
Nominal Output Current	25A per phase
Max Output Overcurrent Protection	81A per phase

AC Input	
AC Start-up Voltage	85 VAC per phase
Acceptable Input Voltage Range	85 - 140 VAC per phase
Nominal Frequency	50Hz / 60Hz
AC Input Power	6000VA / 6000W
Max AC input Current	40A

Battery Mode	
Nominal Output Voltage	120 VAC (P-N) 208 VAC (P-P) /240 VAC(P-P)
Output Frequency	50Hz / 60Hz (auto sensing)
Output Waveform	Pure sine wave
Output Power	6000VA / 6000W

General	
Dimension.D x W x H(inches)	8.5 x 20 x 27.5
Net Weight (lbs)	90 lbs
Communication Port	RS - 232 / USB
Ingress Protection Rating	IP65