



Features

- IP65

Aluminum alloy shell

LCD screen
- AC/DC switching

Remote monitoring

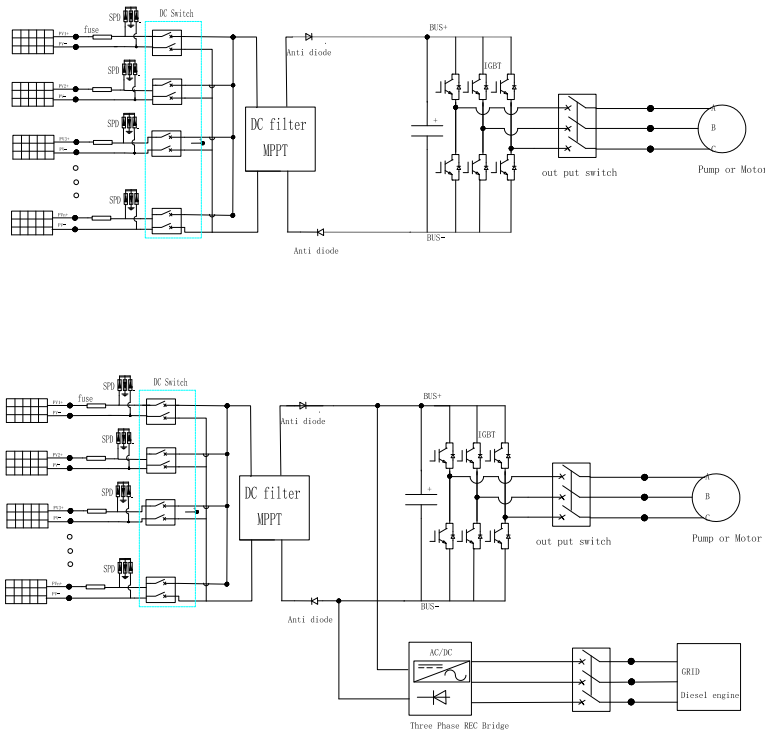
Compact design

System Applications

3kw – 11kw three phase solar pumping inverter for residential and shallow Wells&deep well, as long as the water pump is running by AC motor.

13K-30K solar pumping inverter used for household, deep well, medium or large irrigation project, scope of application is relatively wide

Block Diagram



	LWS 3000/3000A	LWS 4000/4000A	LWS 5500/5500A	LWS 7500/7500A	LWS 9200/9200A
DC Input					
MPPT number	1	1	1	1	1
Max. input strings	2	2	2	3	3
Start voltage (V)	250	250	250	250	250
Max. input current (A)	9	11	12	19	22
Max. input voltage (V)	900	900	900	900	900
MPPT voltage range (V)	450 – 750	450 – 750	450 – 750	450 – 750	450 – 750

AC Output					
Rated output power (W)	3000	4000	5500	7500	9200
Rated voltage (V)	380	380	380	380	380
Output voltage range (V)	0 – 440	0 – 440	0 – 440	0 – 440	0 – 440
Output frequency (Hz)	0 – 50/60	0 – 50/60	0 – 50/60	0 – 50/60	0 – 50/60
Max. output current (A)	8	10	11	18	21

General Data					
Display screen	LCD				
Communication port	RS485/CAN/GPRS				
Protection level	IP65				
Operating altitude (m)	<6000(>3000 derating)				
Cooling concept	Natural cooling				
Operating temperature range (°C)	-25°C~+60°C				
Dimension (L*W*H mm)	395*355*160	395*355*160	395*355*160	465*365*168	465*365*168
Net weight (kg)	11	11	11	13	13
Packing (L*W*H mm)	495*420*245	495*420*245	495*420*245	567*440*250	567*440*250
Gross weight(Kg)	13	13	13	15	15

Recommended Water Pump					
Water pump type	AC pump	AC pump	AC pump	AC pump	AC pump
Rated voltage (V)	380	380	380	380	380
Frequency (Hz)	50	50	50	50	50
Inverter power (W)	3000	4000	5500	7500	9200
Max. input current (A)	8	10	11	18	21
Applicable motor power	3kW/4HP	4kW/5.5HP	5.5kW/7.5HP	7.5kW/10HP	9.2kW/12.5HP

	LWS 3000A	LWS 4000A	LWS 5500A	LWS 7500A	LWS 9200A
AC Input					
Input voltage range (V)	380±15%	380±15%	380±15%	380±15%	380±15%
Input frequency range (Hz)	50/60±5%	50/60±5%	50/60±5%	50/60±5%	50/60±5%