

Solar Pumping Inverter

LS-PI-(1.5-2.2K)



Features:

- 1: Easy configuration with solar panels by MC4 terminals, plug and play.
- 2: Fully automatic intelligent operation, safe and stable, to prevent drainage and overflow.
- 3: Protection class IP65, waterproof and dust-proof, suitable for harsh environments.
- 4: Interface visualization, LCD screen and LED status indicator display.
- 5: Maximum efficiency up to 97%, MPPT efficiency up to 99%.
- 6: Supports GPRS-RS485(optional) monitoring.
- 7: In-line design, AC aviation anti-stay plug, installation is fast and convenient.
- 8: Supports the input of the electricity or generator, and has a variety of functions.
- 9: Beautiful appearance, fanless design, natural cooling, longer use.

Parameters:

Note: "G" means AC power input

MODEL	LS-PI-1.5KL	LS-PI-1.5KL (G)	LS-PI-2.2KH	LS-PI-2.2KH(G)	LS-PI-2.2KL	LS-PI-2.2KL (G)
Input (DC side)						
Max DC Voltage (Vdc)	450Vdc	450Vdc	450Vdc	450Vdc	450Vdc	450Vdc
Start-up Voltage (Vdc)	120Vdc	120Vdc	120Vdc	120Vdc	120Vdc	120Vdc
Max Input Current (A)	11A	11A	11A	11A	11A	11A
MPPT Operating Range (Vdc)	270Vdc~400Vdc	270Vdc~400Vdc	270Vdc~400Vdc	270Vdc~400Vdc	270Vdc~400Vdc	270Vdc~400Vdc
Number of Inputs	1	1	1	1	1	1
Input (AC side)						
AC Input Voltage (Vac)	-	220Vac±15%	-	220Vac±15%	-	220Vac±15%
AC Input Frequency (Hz)	-	50/60Hz±5Hz	-	50/60Hz±5Hz	-	50/60Hz±5Hz
Output (AC side)						
Rated Output Power (W)	1500W	1500W	2200W	2200W	2200W	2200W
Max Output Current (A)	10A	10A	14A	14A	14A	14A
AC Output Voltage (Vac)	220Vac\1PH	220Vac\1PH	220Vac\3PH	220Vac\3PH	220Vac\1PH	220Vac\1PH
Output frequency (Hz)	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Other Parameters						
Noise typical [dB(A)]	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)
Cooling Concept	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Operating Temperature (°C)	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C
Protect Level	IP65	IP65	IP65	IP65	IP65	IP65
Communication	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485
Dimension (W*H*D mm)	380*288*150mm	380*288*150mm	380*288*150mm	380*288*150mm	380*288*150mm	380*288*150mm
Weight (Kg) REF	7.5Kg	9Kg	7.5Kg	9Kg	7.5Kg	9Kg
Certification	IEC61683 \ IEC62109-1/-2					

Solar Pumping Inverter

LS-PI-(3-5.5K)



Features:

- 1: Easy configuration with solar panels by MC4 terminals, plug and play.
- 2: Fully automatic intelligent operation, safe and stable, to prevent drainage and overflow.
- 3: Protection class IP65, waterproof and dust-proof, suitable for harsh environments.
- 4: Interface visualization, LCD screen and LED status indicator display.
- 5: Maximum efficiency up to 97%, MPPT efficiency up to 99%.
- 6: Supports GPRS-RS485(optional) monitoring.
- 7: In-line design, AC aviation anti-stay plug, installation is fast and convenient.
- 8: Supports the input of the electricity or generator, and has a variety of functions.
- 9: Beautiful appearance, fanless design, natural cooling, longer use.

Parameters:

Note: "G" means AC power input

MODEL	LS-PI-3K	LS-PI-3K (G)	LS-PI-4K	LS-PI-4K (G)	LS-PI-5.5K	LS-PI-5.5K (G)
Input (DC side)						
Max DC Voltage (Vdc)	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc
Start-up Voltage (Vdc)	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc
Max Input Current (A)	12.5A	12.5A	12.5A	12.5A	12.5A	12.5A
MPPT Operating Range (Vdc)	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc
Number of Inputs	2	2	2	2	2	2
Input (AC side)						
AC Input Voltage (Vac)	-	380Vac ± 15%	-	380Vac ± 15%	-	380Vac ± 15%
AC Input Frequency (Hz)	-	50/60Hz ± 5Hz	-	50/60Hz ± 5Hz	-	50/60Hz ± 5Hz
Output (AC side)						
Rated Output Power (W)	3000W	3000W	4000W	4000W	5500W	5500W
Max Output Current (A)	8A	8A	10.5A	10.5A	14.5A	14.5A
AC Output Voltage (Vac)	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH
Output frequency (Hz)	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Other Parameters						
Noise typical [dB (A)]	<45dB (A)	<45dB (A)	<45dB (A)	<45dB (A)	<45dB (A)	<45dB (A)
Cooling Concept	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Operating Temperature (°C)	-25°C ~ +60°C	-25°C ~ +60°C	-25°C ~ +60°C	-25°C ~ +60°C	-25°C ~ +60°C	-25°C ~ +60°C
Protect Level	IP65	IP65	IP65	IP65	IP65	IP65
Communication	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485
Dimension (W*H*D mm)	410*346*160mm	410*346*150mm	410*346*150mm	410*346*150mm	410*346*150mm	410*346*150mm
Weight (Kg) REF	10Kg	12Kg	10Kg	12Kg	10Kg	12Kg
Certification	IEC61683 \ IEC62109-1/-2					

Solar Pumping Inverter

LS-PI-(7.5-13K)



Features:

- 1: Easy configuration with solar panels by MC4 terminals, plug and play.
- 2: Fully automatic intelligent operation, safe and stable, to prevent drainage and overflow.
- 3: Protection class IP65, waterproof and dust-proof, suitable for harsh environments.
- 4: Interface visualization, LCD screen and LED status indicator display.
- 5: Maximum efficiency up to 97%, MPPT efficiency up to 99%.
- 6: Supports GPRS-RS485(optional) monitoring.
- 7: In-line design, AC aviation anti-stay plug, installation is fast and convenient.
- 8: Supports the input of the electricity or generator, and has a variety of functions.
- 9: Beautiful appearance, fanless design, natural cooling, longer use.

Parameters:

Note: "G" means AC power input

MODEL	LS-PI-7.5K	LS-PI-7.5K(G)	LS-PI-9.2K	LS-PI-9.2K(G)	LS-PI-11K	LS-PI-11K(G)	LS-PI-13K	LS-PI-13K(G)
Input (DC side)								
Max DC Voltage(Vdc)	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc
Start-up Voltage(Vdc)	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc
Max Input Current(A)	15A	15A	20A	20A	24A	24A	31A	31A
MPPT Operating Range(Vdc)	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc
Number of Inputs	3	3	3	3	3	3	3	3
Input (AC side)								
AC Input Voltage(Vac)	-	380Vac±15%	-	380Vac±15%	-	380Vac±15%	-	380Vac±15%
AC Input Frequency(Hz)	-	50/60Hz±5Hz	-	50/60Hz±5Hz	-	50/60Hz±5Hz	-	50/60Hz±5Hz
Output (AC side)								
Rated Output Power(W)	7500W	7500W	9200W	9200W	11000W	11000W	13000W	13000W
Max Output Current(A)	20A	20A	23A	23A	28A	28A	30A	30A
AC Output Voltage(Vac)	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH
Output frequency(Hz)	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Other Parameters								
Noise typical[dB(A)]	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)	<45dB(A)
Cooling Concept	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Operating Temperature(°C)	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C
Protect Level	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Communication	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485
Dimension(W*H*D mm)	480*375*170mm	480*375*170mm	480*375*170mm	480*375*170mm	480*375*170mm	480*375*170mm	480*375*170mm	480*375*170mm
Weight(Kg) REF	15Kg	17Kg	15Kg	17Kg	15Kg	17Kg	16Kg	18Kg
Certification	IEC61683 \ IEC62109-1/-2							

Solar Pumping Inverter

LS-PI-(15-30K)



Features:

- 1: Easy configuration with solar panels by MC4 terminals, plug and play.
- 2: Fully automatic intelligent operation, safe and stable, to prevent drying and overflow.
- 3: Protection class IP65, waterproof and dust-proof, suitable for harsh environments.
- 4: Interface visualization, LCD screen and LED status indicator display.
- 5: Maximum efficiency up to 97%, MPPT efficiency up to 99%.
- 6: Supports GPRS-RS485 (optional) monitoring.
- 7: Support input of the electricity or generator, a variety of functions to choose from.
- 8: Beautiful appearance, intelligent air-cooled, longer-lasting use.

Parameters:

Note: "G" means AC power input

MODEL	LS-PI-15K	LS-PI-15K (G)	LS-PI-22K	LS-PI-22K (G)	LS-PI-30K	LS-PI-30K (G)
Input (DC side)						
Max DC Voltage (Vdc)	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc	900Vdc
Start-up Voltage (Vdc)	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc	250Vdc
Max Input Current (A)	33A	33A	48A	48A	66A	66A
MPPT Operating Range (Vdc)	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc	450Vdc-750Vdc
Number of Inputs	8	8	8	8	8	8
Input (AC side)						
AC Input Voltage (Vac)	-	380Vac±15%	-	380Vac±15%	-	380Vac±15%
AC Input Frequency (Hz)	-	50/60Hz±5Hz	-	50/60Hz±5Hz	-	50/60Hz±5Hz
Output (AC side)						
Rated Output Power (W)	15000W	15000W	22000W	22000W	30000W	30000W
Max Output Current (A)	32A	32A	46A	46A	62A	62A
AC Output Voltage (Vac)	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH	380Vac\3PH
Output frequency (Hz)	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Other Parameters						
Noise typical [dB (A)]	<45dB (A)	<45dB (A)	<60dB (A)	<60dB (A)	<60dB (A)	<60dB (A)
Cooling Concept	Natural cooling	Natural cooling	Fan Force cooling	Fan Force cooling	Fan Force cooling	Fan Force cooling
Operating Temperature (°C)	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C	-25°C~+60°C
Protect Level	IP65	IP65	IP65	IP65	IP65	IP65
Communication	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485	GPRS\RS485
Dimension (W*H*D mm)	590*410*200mm	590*410*200mm	590*410*200mm	590*410*200mm	590*410*200mm	590*410*200mm
Weight (Kg) REF	22Kg	23Kg	24Kg	25Kg	24Kg	25Kg
Certification	IEC61683 \ IEC62109-1/-2					