

LOBO

S E R I E S

5 KW
7 KW
11 KW

PV7000 PV10000 PV12000
SOLAR INVERTER

160A
DUAL MPPT



KEY SALIENT FEATURES

- ✓ FIRST TIME IN PAKISTAN PV INVERTER SUPPORT BIGGEST SIZE SOLAR PANELS 1000W
- ✓ PURE SINE WAVE SOLAR INVERTER
- ✓ CAN WORK IN ON / OFF GRID MODE
- ✓ BUILD IN HIGH EFFICIENCY MPPT SOLAR CONTROLLER
- ✓ WIDE PV INPUT VOLTAGE : 60 - 500VDC
- ✓ DUAL MPPT SOLAR CONTROLLER FOR DIFFERENT GROUPS SOLAR PANEL
- ✓ LCD DISPLAY ALL INFORMATION ON ONE INTERFACE
- ✓ BUILD IN FEEDBACK DETECTION CURRENT SENSOR
- ✓ COMMUNICATION INTERFACE FOR WIFI OPTIONAL
- ✓ FAST ISLANDING RESPONSE ENSURES SECURITY
- ✓ EASY TO REPLACE DUST SCREEN DESIGN
- ✓ BATTERY INDEPENDENT DESIGN, NO NEED BATTERY
- ✓ SUPPORT TOPCON / HJT / HIMO10 PANELS
- ✓ GRID FEEDING BACK TO GRID
- ✓ **MADE IN TAIWAN**



AVAILABLE ON



MODEL	LOBO SP - PV5000	LOBO SP - PV7000	LOBO SP - PV12000
Phase	Single-Phase		
Rated Output Power	5KVA	7KVA	11KVA
PV MODE			
Number of MPPT	1	2	2
Maximum PV Input Current	27A	18A+18A	
PV Array Maximum Open Circuit Voltage	500VDC		
PV Input Voltage Range	60-500VDC		
Start Up Voltage	120VDC		
Nominal DC Voltage	360VDC		
MPPT Trackers Efficiency	>99.5%		
LINE MODE			
Voltage	230VAV		
Input Voltage Range	90-280VAC		
Input Frequency Range	40-65Hz		
Maximum Input Current	20A	30A	45A
Input Power Factor	>0.99		
Input THDi	<5%		
PROTECTION			
Full Protection	Overload, Short Circuit, Over-temperature, Over-current, Anti-Islanding Protection		
PHYSICAL			
Dimension H x W x D (mm)	315.5 x 225 x 103		
Cartoon Dimension H x W x D (mm)			
Net Weight (kgs)	3.5		
Gross Weight (kgs)			
IP Protection	IP40		
INTERFACE			
Communication Port	RS-232		
ENVIRONMENT			
Humidity	<95% RH(Non-Condensing)		
Operating Temperature	-10°C to 55°C		

Note: Product specifications are subject to change without further notice

