

Product Features



IP65 Protection

Features multi structure waterproof design that truly reaches the IP65 protection rating.



Hidden Handle Design
Hidden handle design, appearance is more beautiful, more convenience to move



Expandable Capacity
The battery capacity can be expanded externally, up to 80 kWh

Exclusive Touch Screen

The exclusive touch screen provides users with intuitive and convenient control method



Parallel Connection

Support parallel connection, maximum power will be 45KW



High Charge and Discharge Rate
It has high efficiency, fast speed and stable
performance in charge and discharge



Super Silent Design

Minimizing noise generation and transmission while maintaining functionality and aesthetic



Long Cycle Life

The battery adopts lithium iron phosphate battery, which has excellent long cycle life







SPECIFICATIONS

MODEL	LCM3600		LCM5500	
AC INPUT				
Rated Voltage		220/230/240 V	a.c.,L+N+PE	
Rated Frequency	50 Hz/60 Hz			
Current (Maximum Continuous)	20A.AC		40AAC	
INVERTER OUTPUT				20,020.00
Rated Power	3.6kVA 5.5kVA			
Rated Voltage	220/230/240Va.c.,L+N+PE			
Wave Form	Pure Sine Wave			
Vac Output	3 pin AC multi-function socket			
DC USB/Type C Output	Each 2 port			
Inverter Efficiency (Peak)	>92% >94%		>94%	
Current (Maximum Continuous)	15.6A.AC 22.7A.AC			
Maximum Output Overcurrent Protection	102%~110% 1min / 110%~130% 10s / 130%~150% 3s / 150% 0.2s			
BATTERY				
Battery Type	LiFePO4		PO4	
Energy Capacity	2560Wh	3456Wh	5120Wh	6912Wh
Rated Battery Voltage	25.6V.DC		51.2V.DC	
Max. Charge Current	100A.DC		80A.DC	
PV INPUT				
No. of MPPT Tracker/Strings	1/1			
Max. PV Array Power	5 kW		6 kW	
Max. DC Voltage	600Vdc			
MPPT Voltage Range	40~450V.DC 120~430V.DC		~430V.DC	
Start-Up Voltage	60V.DC		120V.DC	
MPPT Maximum Charge Current	100A.DC		80A.DC	
Max. Input Current	18 A.DC			
PV Interface Type	XT60			
GENERAL PARAMETER				
Storage Temperature	-10°C~+60°C			
Operating Temperature	-10°C-+50°C			
Cycle Life	≥4000 Cycles @25°C,0.5C,90%DOD			
Humidity	5%-95%(Non-condensing)			
Operating Altitude	4000m(>1000m Derating)			
Noise		<5	0 dB	
Other Protection	Overload, Over temperature, Short circuit			
Transportation 1	UN38.3,MSDS			
Machine Dimension (W*D*H)	433*307*499 mr		493*384*522 mm	
Machine Weight/N.W	35kgs		55kgs	
Display	LCD Button Screen			
Stardard	GB/T 34120-2017			
	GB/T 34133-2017			
	EN62477, EN / IEC61000			