

6.2k series on/off Grid inverter				
Model	3.6k	4.2k	6.2k	
Max pv input power	6200w	6200w	6500w	
Rated output power	3600w	4200w	6200w	
Max solar charging current	120A	140A	120A	
Grid Tied opeation				
pv input(DC)				
Normal DC voltage/Max DC voltage	360VDC/500VDC			
Start up Volatge/initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	90VDC-450VDC			
Number of MPPT trackers/Max input current	1/27A			
Grid output (AC)				
Norminal output Voltage	200/230/240VAC			
Output voltage range	195.5-253VAC			
Norminal output current	15.7A	18.2A	27.0A	
Power factor	>0.99			
Feed-in Grid Frequency Range	59-61±1HZ			
Efficiency				
Max conversion Efficiency(DC/AC)	98%			
Two load output power				
Full load	3600W	4200W	6200W	
Max main load	3600W	4200W	6200W	
Max second load (battery mode)	1200W	1400W	2067W	
Main load cut off voltage	22VDC	22VDC	44VDC	
Main load return voltage	24VDC	24VDC	48VDC	
Off grid opeation				
AC Input				
AC start up voltage/Auto restart voltage	120-140VAC/180VAC			
Acceptable input voltage range	90-280VAC OR 170-280VAC			
Max AC input current	30A	30A	40A	
Nominal opeating frequency	50/60HZ			
Surge power	7200W	8400W	12400W	
Battery mode output(AC)				

Norminal output Voltage	24VDC	24VDC	48VDC
Output waveform	Pure sine wave		
Efficiency(DC to AC)	94%		
Battery & Charger			
Norminal DC voltage	24VDC	24VDC	48VDC
Max solar charging current	120A	140A	120A
Max AC charging current	100A		
Physical			
Dimension(MM)	400*300*100		
Carton Dimension(mm)	600*395*215		
Gross weight(kgs)	11	11.5	12
Communication port	RS232/WIFI//GPRS		
Operating temperature	-10 - 50℃		