

Model	KY-30KW-130KWH		KY-40KW-172KWH		KY-50KW-215KWH		KY-60KW-215KWH	
PV Input								
Max. PV input voltage(d.c.V)	1000							
MPP Operation Voltage Range(d.c.V)	180-900/630							
Max. PV input power(W)	36	48	60	72				
Nominal input voltage(d.c.V)	630							
Max. PV input current(d.c.A)	36/36/36				36/36/36/36			
Short-circuit current of PV input(d.c.A)	42/42/42				42/42/42/42			
Max. number of PV strings per MPPT	2/2/2				2/2/2/2			
Connector	plug in							
Grid Port(AC)								
Rated Power(W)	30000	40000	50000	60000				
Max. Apparent AC Power(VA)	30000	40000	50000	60000				
Nominal AC Voltage(Vac)	400,3L/N/PE							
AC Power Frequency(Hz)	50/60							
Max. AC Output Current(a.c.A)	45	60	75	87				
Power Factor Range	0.8 ind...0.8 cap							
OutputTHDi(@Nominal Output)	<3%							
UPS Port(AC)								
Nominal AC Voltage (a.c.V)	400,3L/N/PE							
AC Power Frequency(Hz)	50/60							
Max. AC Output Current(a.c.A)	45	60	75	87				
Rated Output Power(W)	30000	40000	50000	60000				
Max. Apparent AC Output Power(VA)	30000	40000	50000	60000				
Peak AC Output Power(W)	36000/10s	48000/10s	60000/10s	72000/10s				
Max. AC Output Power Of Single Phase(VA)	10000	13000	17000	20000				
Switching time	<10ms							
Battery								
Operation Voltage Range (d.c.V)	432-518	576-691	720-864	720-864				
Charge/Discharge Power (W)	30000	40000	50000	60000				
Max. Charge/Discharge Current (d.c.A)	100/100							
Rated capacity (kW-h)	130	172	215	215				
Available capacity (kW-h)	120	160	200	200				
General Data								
Dimensions (W*D*H) (mm)	1200*1200*2200							
Ingress Protection Rating	IP54							