

Datasheet

Model:

EP-3.0-4.0KAT-5G



Loại Grid-tied PV Inverter

Model	1.1K	1.5K	2K	2.5K	2.7K	3K	3.3K	3.6K	4K
Technical Data									
Max. DC input power (KW)	2.2	3	4	5	5.4	6	6.6	7.2	8
Max. DC input voltage (VDC)	550								
MPPT voltage range (VDC)	40~550								
Max. DC current(A)	20A								
Recommended working voltage (VDC)	360								
MPPT number	1								
Max. input strings per MPP tracker	1								
AC Output Data									
Rated output power (KW)	1.1	1.5	2	2.5	2.7	3	3.3	3.6	4
Max. AC power (KVA)	1.21	1.65	2.2	2.75	2.97	3.3	3.63	3.96	4.4
Rated output current(A)	5.5	7.5	10	13	13.5	15	15	16.5	18.5
Rated power grid voltage (Vac)	220/230/240								
Power grid voltage range (Vac)	90~290								
Rated power grid frequency	50Hz/60Hz								
Grid frequency range	45~55Hz / 55~65Hz								
THD	<3%(Under the rated power)								
Power factor	>0.99(Under rated power)/Adjustable range 0.8(Leading)~0.8 (Lagging)								
DC component	<0.5%(Under rated power)								
System Data									
Max. Efficiency (%)	98%								
Euro. Efficiency (%)	97%								
Humidity	0~100%, No condensation								

Cooling	natural cooling
Allowed ambient temperature range	-25°C~+60°C
Consumption during night	<1W
Noise	<40dB
Max. altitude	4000m
Mechanical Data	
Dimension (width x height x depth)	294/216/120
Weight(kg)	5.5
Protection class	IP66
Display & Communication	
Communication interface	WIFI(optional: RS485 or GPRS)
Human-machine interface	LCD