



VeloX

VELOX ENERGY PRIVATE LIMITED



**WE
ENSURES
EVERY RAY
COUNT**

Smart Energy Smarter Future

Technical Data	VE1.1KW	VE-1.5KW	VE-2.0KW	VE-2.2KW	VE-2.5KW	VE-2.7KW	VE-3.0KW	VE-3.3KW	VE-3.6KW
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	2.2	2.5	2.7	3	3.3	3.6
Max. AC power (KVA)	1.1	1.5	2	2.2	2.5	2.7	3	3.3	3.6
Rated output current(A)	5.5	5.5	10	10	13.5	13.5	15	15	15.5
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℃ ~ +60℃								
Consumption during night	<1W								
Noise	<40dB								
Max. altitude	4000m								
Mechanical Data									
Size (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								

Grid Tie Solar Inverter

(3.8 KW to 6.0 KW)



Technical Data	VE-3.8KW	VE-4.0KW	VE-4.2KW	VE-4.6KW	VE-5KW	VE-5.3KW	VE-5.5KW	VE-5.8KW	VE-6.0KW
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)	3.8	4.0	4.2	4.6	5.0	5.3	5.5	5.8	6.0
Max. AC power (KVA)	3.8	4.0	4.2	4.6	5.0	5.3	5.5	5.8	6.0
Rated output current(A)	15.5	16	16	16.5	16.5	17.5	17.5	18.5	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									
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Allowed ambient temperature range	-25℃~ +60℃								
Consumption during night	<1W								
Noise	<40dB								
Max. altitude	4000m								
Mechanical Data									
Size (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								