



EET125K/136K-M1 Three Phase On-grid Inverter



Higher Yield
98.8% max efficiency;
9 MPPTs



Higher Quality
IP66 ingress protection; Efficient heat dissipation;
Uvioresistant; Corrosion resistant



Communications
Wifi, 4G, GPRS, Bluetooth, RS485;
Remote monitoring



Compatibility
AC output voltage 480V to 540V adjustable, compatible
with the grids of most countries;
Higher DC max input voltage and current



Easy to use
Multiple ways of testing and
commissioning; Easy to install



Safety
Enhanced safety with hardware & software protection
Thunder-proof and low radiance

Model	EET125K-M1	EET136K-M1
DC Input Data		
Recommended max. PV power(KW)	187.5	204
Max. input voltage(V)	1100	
Start-up voltage(V)/ Min. input DC operation voltage(V)	50/40	
MPPT voltage range(V)	100~1080	
Max. input current(A)	9*36	
Max. short circuit current(A)	9*44	
MPPT number	9	
String number per MPPT/Total String	2*18	
AC output Data		
Rated output power(KW)	125	136
Rated/Max. apparent output power(KVA)	125/125	136/136
Max. active power(KW)	125	136
Rated grid output current(A)	134.4	146.2
Max. output current(A)	134.4	146.2
Rated grid voltage/range(V) (3P/N/PE)	310/540, 480~540	
Rated grid frequency(Hz)	50/60	
Power Factor	>0.99, (-0.8 to +0.8 adjustable)	
THDi	<3%	
Efficiency		
Max. efficiency	98.80%	
EU efficiency	98.30%	
Protection		
Ground fault monitoring	Yes	
Output over voltage protection	Yes	
Anti-islanding protection	Yes	
Integrated AFCI	Optional	
DC reverse-polarity protection	Yes	
Over voltage category	AC ClassIII/PV ClassII	
General Data		
Dimension(mm) (W*H*D)	1000*654*300	
Shell material	Aluminium alloy	
Noise Emission(dB(A))	≤40	
Weight(Kg)	85	
Operating ambient temperature range	-25~60℃	
Topology	Transformerless	
Ingress protection	IP66	
Cooling concept	Smart fan&Natural convection	
Max. operation altitude(m)	3000	
Grid connection standard	AS/NZS 4777.2:2020, EN50549-1:2019, G98:2021, G99:2021, NC RFG, PTPIREE, ABNT NBR 16149, ABNT NBR 16150, VDE-AR-N 4105, CEI0-21, RD1699	
Safety/EMC standard	IEC-62109-1/-2, IEC-62477-1/-2, IEC-61000-6-1/-2/-3, NB/T32004	
DC connection	MC4/D4	
Communications	Wifi(2.4G), 4G, GPRS, Bluetooth, RS485	