



# EET120K/125K/130K/136K/140K/150K-M1 Three Phase On-grid Inverter



**Higher Yield**  
98.8% max efficiency;  
Up to 12 MPPTs



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



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



**Compatibility**  
AC output voltage 312V to 520V 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	EET120K-M1	EET125K-M1	EET130K-M1	EET136K-M1	EET140K-M1	EET150K-M1
<b>DC Input Data</b>						
Recommended max. PV power(KW)	240	250	260	272	280	300
Max. input voltage(V)	1100					
Start-up voltage(V)/ Min. input DC operation voltage(V)	50/40					
MPPT voltage range(V)	100~1000					
Max. input current(A)	8*40	8*40	10*40	10*40	12*40	12*40
Max. short circuit current(A)	8*60	8*60	10*60	10*60	12*60	12*60
MPPT number	8	8	10	10	12	12
String number per MPPT/Total Strings	2/16	2/16	2/20	2/20	2/24	2/24
<b>AC output Data</b>						
Rated output power(KW)	120	125	130	136	140	150
Rated/Max. apparent output power(KVA)	120/120	125/125	130/130	136/136	140/140	150/150
Max. active power(KW)	120	125	130	136	140	150
Rated grid output current(A)	173.2	180.6	187.6	196.3	202.1	216.7
Max. output current(A)	173.2	180.6	187.6	196.3	202.1	216.7
Rated grid voltage/range(V) (3P/N/PE)	220/380, 230/400, 240/415, 312~520					
Rated grid frequency(Hz)	50/60					
Power Factor	>0.99, (-0.8 to +0.8 adjustable)					
THDi	<3%					
<b>Efficiency</b>						
Max. efficiency	98.80%					
EU efficiency	98.30%					
<b>Protection</b>						
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					
<b>General Data</b>						
Dimension(mm) (W*H*D)	1339*600*300					
Shell material	Aluminium alloy					
Noise Emission(dB(A))	≤40					
Weight(Kg)	115					
Operating ambient temperature range	-25~60 C					
Topology	Transformerless					
Ingress protection	IP66					
Cooling concept	Smart fan&Natural convection					
Max. operation altitude(m)	3000					
Grid connection standard	AS/NZS4777:2020, EN50549-10:2022, G98:2021, G99:2021, NC RFG, ABNT NBR 16150, VDE-AR-N 4105, CEI0-21, CEI0-16, RD1699, NA/EEA, C10:2019, PPDS:2021, Tor+R25, IEC61683, IEC61727&62161					
Safety/EMC standard	IEC-62109-1/-2, IEC-61000-6-1/-2/-3, NB/T32004					
DC connection	MC4/D4					
Communications	Wifi(2.4G), 4G, GPRS, Bluetooth, RS485					