



EET75K/80K/90K/100K/110K-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 180V to 300V 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	EET75K-M1	EET80K-M1	EET90K-M1	EET100K-M1	EET110K-M1
DC Input Data					
Recommended max. PV power(KW)	112.5	120	135	150	165
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)	7*40			9*40	
Max. short circuit current(A)	7*60			9*60	
MPPT number	7			9	
Strings number per MPPT/Total Strings	2/14			2/18	
AC output Data					
Rated output power(KW)	75	80	90	100	110
Rated/Max. apparent output power(KVA)	75/75	80/80	90/90	100/100	110/110
Max. active power(KW)	75	80	90	100	110
Rated grid output current(A)	108.7	115.9	130.4	144.9	159.4
Max. output current(A)	108.7	115.9	130.4	144.9	159.4
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%				
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				