



# EET3K/4K/5K/6K-M1

## Three Phase On-grid Inverter



**Higher Yield**  
98.6% max efficiency;  
2 MPPTs



**Higher Quality**  
IP 66 ingress protection; Efficient heat dissipation;  
Uvioresistant; Corrosion resistant



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



**Compatibility**  
AC output voltage 180 V to 300 V adjustable, compatible  
with the grids of most countries;  
Higher DC max input voltage and current



**Easy to use**  
Light weigh and smaller size;  
Easy to install; No fan, noiseless



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

Model	EET3K-M1	EET4K-M1	EET5K-M1	EET6K-M1
<b>DC Input Data</b>				
Recommended max. PV power(KW)	4.5	6	7.5	9
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)				18/18
Max. short circuit current(A)				22/22
MPPT number				2
Strings number per MPPT				1/1
<b>AC output Data</b>				
Rated output power(KW)	3	4	5	6
Rated/Max. apparent output power(KVA)	3/3	4/4	5/5	6/6
Max. active power(KW)	3	4	5	6
Rated grid output current(A)	4.35	5.8	7.25	8.7
Max. output current(A)	4.35	5.8	7.25	8.7
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	98.60%			
EU efficiency	98.10%			
<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)	341*350*159			
Shell material	Aluminium alloy			
Noise Emission(dBA)	≤20			
Weight(Kg)	10			
Operating ambient temperature range	-25~60℃			
Topology	Transformerless			
Ingress protection	IP 66			
Cooling concept	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			