

EET15KPro/18KPro/20KPro/22K/25K/30K-M1 Three Phase On-grid Inverter



Higher Yield

98.8% max efficiency;
3 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

Multiple ways of testing and
commissioning; Easy to install



Safety

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

Model	EET15KPro-M1	EET18KPro-M1	EET20KPro-M1	EET22K-M1	EET25K-M1	EET30K-M1
DC Input Data						
Recommended max. PV power(KW)	22.5	27	30	33	37.5	45
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)	36/36/36	36/36/36	36/36/36	36/36/36	36/36/36	36/36/36
Max. short circuit current(A)	44/44/44	44/44/44	44/44/44	44/44/44	44/44/44	44/44/44
MPPT number	3	3	3	3	3	3
Strings number per MPPT	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
AC output Data						
Rated output power(KW)	15	18	20	22	25	30
Rated/Max. apparent output power(KVA)	15/15	18/18	20/20	22/22	25/25	30/30
Max. active power(KW)	15	18	20	22	25	30
Rated grid output current(A)	21.7	26.1	29	31.9	36.2	43.5
Max. output current(A)	21.7	26.1	29	31.9	36.2	43.5
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)	488*472*172					
Shell material	Aluminium alloy					
Noise Emission(dB(A))	≤40					
Weight(Kg)	21					
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/NZS 4777.2:2020, EN50549-1:2019, G98:2021, G99:2021, NC RFG, PTPIREE, ABNT NBR 16149, ABNT NBR 16150, VDE-AR-N 4105, CEIO-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					