

Model	EET15KPro-M1	EET18KPro-M1	EET20KPro-M1	EET22K-M1	EET25K-M1	EET30K-M1
Series Name	EET-M1					
<b>DC Input</b>						
Recommended max. PV power	22.5KW	27KW	30KW	33KW	37.5KW	45KW
Max. input voltage	1100 V					
Start-up voltage/Min. input DC operation voltage	50 V/40 V					
MPPT voltage range	100V - 1080 V					
Full power MPPT voltage range	400 V - 750 V					
Max. input current/Max MPPT input current	36A/36A/36A					
Max. short circuit current/Max MPPT short circuit current	44A/44A/44A					
MPPT number	3					
String number per MPPT	2/2/2					
<b>AC Output</b>						
Rated Output Power	15KW	18KW	20KW	22KW	25KW	30KW
power	15KVA/15KVA	18KVA/18KVA	20KVA/20KVA	22KVA/22KVA	25KVA/25KVA	30KVA/30KVA
Max. active power	15KW	18KW	20KW	22KW	25KW	30KW
Rated grid output current	21.7A	26.1A	29.0A	31.9A	36.2A	43.5A
Max. output current	21.7A	26.1A	29.0A	31.9A	36.2A	43.5A
Rated grid voltage (3P/N/PE)	230V/400V					
Rated grid frequency	50 Hz					
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					
Protective class	Class I					
Over voltage category	AC OVC III/PV OVC II					
<b>General Data</b>						
Dimension (W*H*D)	478*461*174					
Shell material	Aluminium alloy					
Noise Emission	40 dB(A)					
Weight	21Kg					
Operating ambient temperature range	-25 - 60 °C (>45°C derating)					
Topology	Transformerless					
Ingress protection	IP66					
Cooling concept	External fan-cooling					
Max. operation altitude	3000 m					
Country of manufacturing	China					
Grid connection standard	AS 4777.2:2020					
Safety/EMC standard	IEC-62109-1/-2					
DC connection	MC4/D4					
Communications	WiFi(2.4G), GPRS, 4G, Bluetooth, RS485					
Manufacturer	Each Energy Technology (Suzhou) Co Ltd					