

Model	EET5KPro-M1	EET6KPro-M1	EET8K-M1	EET10K-M1	EET12K-M1	EET15K-M1	EET18K-M1	EET20K-M1
Series Name:	EET-M1							
DC Input								
Recommended max. PV power	7.5KW	9KW	12KW	15KW	18KW	22.5KW	27KW	30KW
Max. input voltage	1100 V							
Start-up voltage/Min. input DC operation voltage	50 V/40 V							
MPPT voltage range	100 V - 1080 V							
Full power MPPT voltage range	400 V - 750 V							
Max. input current/Max MPPT input current	18A/18A/18A			18A/18A/36A				
Max. short circuit current/Max MPPT short	22A/22A/22A			22A/22A/44A				
MPPT number	3							
String number per MPPT	1/1/1			1/1/2				
AC Output								
Rated Output Power	5KW	6KW	8KW	10KW	12KW	15KW	18KW	20KW
Rated/Max. apparent output power	5KVA/5KVA	6KVA/6KVA	8KVA/8KVA	10KVA/10KVA	12KVA/12KVA	15KVA/15KVA	18KVA/18KVA	20KVA/20KVA
Max. active power	5KW	6KW	8KW	10KW	12KW	15KW	18KW	20KW
Rated grid output current	7.2A	8.7A	11.6A	14.5A	17.4A	21.7A	26.1A	29.0A
Max. output current	7.2A	8.7A	11.6A	14.5A	17.4A	21.7A	26.1A	29.0A
(3P/N/PE)	230V/400V							
Rated grid frequency	50Hz							
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 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							
General Data								
Dimension (W*H*D)	411*401*162 mm							
Shell material	Aluminium alloy							
Noise Emission	≤ 20 dB(A)				≤ 40 dB(A)			
Weight	15 Kg				15.2 Kg			
Operating ambient temperature range	-25~60°C (>45°C derating)							
Topology	Transformerless							
Ingress protection	IP66							
Cooling concept	Natural convection				External fan-cooling			
Max. operation altitude	3000 m							
Grid connection standard	AS 4777.2:2020							
Safety/EMC standard	IEC-62109-1/-2							
Country of manufacturing	China							
DC connection	MC4/D4							
Communications	WiFi(2.4G), GPRS, 4G, Bluetooth, RS485							
Manufacturer	Each Energy Technology (Suzhou) Co Ltd							