



Specification	Prometer100	Mk6E
Model		
Connection type	HV3/HV4/LV4	HV3/HV4/LV4
Measurement voltage	100 V to 415 V (L-L) $\pm 30\%$ 3P 4W, 100 V to 240 V (L-L) $\pm 30\%$ 3P 3W	57V - 240V(L-N)
Measurement current	1-10 A (configurable)	1/4A, 1/6A, 5/10A and 5/20A
Accuracy	0.2S and 0.5S	0.2S and 0.5S
Frequency	50Hz and 60Hz	45Hz – 65Hz
Wiring	3P3W and 3P4W	3P3W and 3P4W
Standards	IEC 62052-11, IEC 62052-31, IEC 62059-31-1 , IEC 62053-22,IEC 62053-23, IEC 62053-24, IEC 62056-52, IEC 61010-1, IEC 61010-2-030, CE, MID (EN 50470-1, EN 50470-3), IEC 61850-6, 7-1, 7-2, 7-3, 7-4, 8-1(as per edition 1 and 2)	IEC 62052-11, 62053-22, EN 50470-1, EN 50470-3, NMI-M6
Ingress protection	IP54	No
Operating temperature	-25°C to + 60°C	-25°C to +60°C
Limit range of operation	-25°C to + 70°C	-
Storage temperature	-40°C to + 80°C	-25°C to +80°C

Display	Digital	Digital
	Graphical	No
Pluse I/O	7 fixed pulse outputs and 4 configurable as pulse inputs/outputs	Up to 10 I/O total
Auxiliary Supply Option	60-240 V AC/DC ($\pm 20\%$)	100 to 240 VAC
Communication 1	Optical Protocol: DLMS, Baud rate: 1200 – 19200 bps, Half duplex	Optical FLAG (IEC 62056-21) or ANSI Type 2 (ANSI C12.18)
Communication 2	RS232 Built-in supply of 4 V @ 550 mA, Protocol: DLMS	RS232 (RTS/CTS and DTR/DCD)
Communication 3	RS485 Protocol: Configurable DLMS/MODBUS RTU	RS485 multi-drop (4-wire with RJ45 or screw terminal)
Communication 4	Ethernet 10/100 Mbps, Protocol: DLMS and MODBUS TCP simultaneous client	No
Protocol 1	DLMS	DLMS
Protocol 2	MODBUS	MODBUS
Protocol 3	IEC 61850	No
Data Memory	8 MB	900 Kb
Time of Use	Up to 30 programmable special days	Up to 200 programmable special days
Software	M-cude100	Eziview
	~4800 Parameter-days capacity at 30 minute intervals	3100 day-channel capacity at 30 minute intervals
	Logging of up to 100 day for daily energy snapshots	-
	Up to 31st individual harmonic component measurement	-
data Logger	2	1
Battery	Field-replaceable battery	lithium battery 1200mAh, 3.6V and SuperCap