

ENERCON ELF 3200 SERIES

TINY!

96 x 48mm. 40mm depth
Exciting NEW applications
Low CT, PT, AUX Supply burden

SMART!

True RMS
Auto scaling: Kilo-Mega-Giga
3 Phase Wiring Check
Large Multi function display
Autoscrolling

GLOBAL!

Universal operation
Dustproof
One click installation
Retrofit 90mm² cutouts
Protection from accidental contact with live terminals



Bezel: 48x96mm

User programmable Parameters, Multiple Parameters.
Eg. ELF 3234: W, Wh or VA, VAh or VAR, VARh or PF
User programmable Star 3E or Delta 2E.
For the first time, you don't even need to specify CT secondary (1A/5A)
User Programmable CT, PT ratios - Primary and Secondary
Universal Auxillary Supply

Models

	Parameter	3 Phase	1 Phase
Energy / Power	W, Wh or VA, VAh or VAR, VARh or PF	ELF 3234	
	W, Wh, PF or VA, VAh, PF or VAR, VARh, or	ELF 3234-3	
	V,A,F	ELF 3259	
	V, F A	ELF 3257 ELF 3258	ELF 3252

Notes

- ELF 3234: W, Wh or VA, VAh or VAR, VARh (Ind, Cap) or PF configured through Keypad.
 - ELF 3234-3: W, Wh, PF or VA, VAh, PF or VAR, VARh (ind, Cap) PF configured through keypad.
 - 8 digit resolution (4 + 4) for Energy. VARh is Class 2.
 - Phase wise & Total RMS for Power factor for Energy
 - V shows all Line-Line, Line-Neutral, Individual & Average Voltages.
- For more parameters and simultaneous viewing, we recommend the **Power Max 6400**

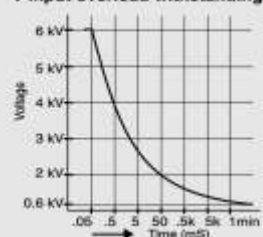
Accessories

Optional Fused Voltage Probes & Clamp-on Current Probes for portable use.

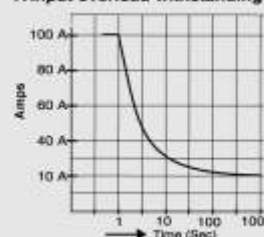
96 x 96 Adaptor plate

Technical Specifications

V input overload withstanding



A input overload withstanding



Input Range-Global	: V 80 to 500VLL A 50 mA to 6 Amps F 50 Hz / 60Hz 5% PF 0.5 Lag - UPF - 0.8 Lead
Auxillary Supply Burden	: Range 80-270V AC, 45 to 65Hz : 0.2VA max. Per Volts/Amps input : 3VA max. On Auxillary supply
Display	: 4 Digit 7 segment 0.56" LED Display
Display Update	: Every 1 second
Display sequence	: Parameter, value
Resolution	:
Energy	: 8 digit (4+4)
Power, 3 VAF	: 4 digit
V,A,F	: 3 1/2 digit
Ambient	: Temperature 0-55 C Humidity < 95% Non-Condensing
Weight	: 225 gms approx
Dimensions	: Bezel 96x48mm
Depth	: 40mm behind Bezel
Panel Cut-out	: (90)x(43)mm
Mounting	: Flush Mount, Slide Lock
Warranty	: 1 Year from date of invoice

Accuracy

W/Wh: Class 1.0 as per IS 13779 / IEC 1036
VARh: Class 2.0
All other parameters: Class 1.0 ± (0.25% of Full Scale + 0.75% of reading)

Note: Additional error of 0.05% of full scale for current below 200mA