


SPECIFICATION FOR PORTABLE DIGITAL ENERGY METER

THE DIGITAL ENERGY METER SHOULD CONFIRM TO THE FOLLOWING SPECIFICATIONS:

DIGITAL ENERGY METER : 0.5 CL. QTY: 6 NOS

ITEM	REQD SPEC.	CONFIRMATION BY VENDOR
DISPLAY	LED, LCD OR VFD.	
POWER SUPPLY	3 PHASE, 415V,50HZ, 4 WIRE. PROVISION FOR 110 V AC INPUT AS ALTERNATE TO MATCH PT RATIO OF 415/110V IT SHOULD BE AVAILABLE IN ADDITION TO 415 V.	
CURRENT INPUT FOR THE PHASES	1A	
ACCURACY CLAUSE	0.5	
MEASUREMENTS REQUIRED	CUMULATIVE ENERGY, INSTANT POWER PHASE VOLTAGES, PHASE CURRENTS, FREQUENCY, POWER FACTOR, ACTIVE ENERGY, APPARENT ENERGY,CUMULATIVE DEMAND, REACTIVE POWER, REAL TIME AND MD.	
OTHER ACCESSORIES REQUIRED	CLAMP ON CLIPS, SEPARATE COLOUR CABLES FOR EACH PHASE CURRENTS AND VOLTAGE INPUTS WITH CONNECTORS.	
CARRYING CASE	THE METER SHOULD BE HOUSED IN A SUITABLE CARRYING CASE/SUITCASE.	
CURRENT TRANSFORMERS	OUR SPECIFICATION DOES NOT CALL FOR CURRENT TRANSFORMERS. IF THE CTS ARE QUOTED ALONGWITH ENERGY METERS, PLEASE SPECIFY THE RATE PER CT SEPARATELY.	
OTHER ITEMS IF ANY	PLEASE SPECIFY & RATE OF THE SAME SEPARATELY	
NOTE: OUR REQUIREMENT IS PORTABLE TYPE TO BE CARRIED TO SITES FOR ENERGY MEASUREMENT. WE DO NOT REQUIRE CT FOR THE METER. IF CT IS QUOTED, PL INTIMATE BREAK UP PRICE FOR THE SAME. WE REQUIRE PORTABLE ONLY AND NOT FLUSH MOUNTED MULTI FUNCTION TYPE METERS		



SPECIFICATION FOR POWER TRANSDUCERS CL. 0.2

QTY: 6NOS

ITEM	REQD SPEC.	CONFIRMATION BY VENDOR
POWER SUPPLY	3 PHASE, 415V,50HZ, 4 WIRE	
CURRENT INPUT FOR THE PHASES	1A	
OUTPUT	4-20 MA, 4 ASSIGNABLE OUTPUTS	
POWER INPUT	277 V/ 480 V MAX	
ACCURACY CLAUSE	0.2	
MEASUREMENTS REQUIRED	INSTANT POWER MEASUREMENT BASED ON 4-20 mA OUTPUT. OTHER MEASUREMENTS REQUIRED LINE VOLTAGE, PHASE CURRENT, FREQUENCY, ACTIVE POWER, APPARENT POWER, REACTIVE POWER, POWER FACTOR ETC.,	
OPEARTING CONDITIONS	WORKING TEMP: 0 TO 50 DEG C FUNCTION TEMP: -5 TO 60 DEG C	
OUTPUT INTERFACE	TO COMMUNICATE WITH PC THROUGH RS485/RS232 FOR DATA.	
OTHER ITEMS IF ANY	PLEASE SPECIFY & RATE OF THE SAME SEPARATELY	
CARRYING CASE	THE METER SHOULD BE HOUSED IN A SUITABLE CARRYING CASE/SUITCASE.	

Ammon

INDENT No. : C8662004 dt. 23.06.2012

SPECIFICATION FOR HAND HELD DIGITAL MULTIMETER (INDUSTRIAL GRADE):

QTY: 6 NOS.

ITEM	REQD SPEC.	CONFIRMATION BY VENDOR
DIGITAL MULTIMETER (industrial grade)	THE MILLIMETRE SHOULD HAVE FOUR AND HALF DIGIT	
DC voltage	Range 0.1 mV to 1000 V Accuracy 0.1%	
AC voltage	Range 0.1 mV to 1000 V Accuracy 1%	
DC current	Range 0.1 μ A to 10 A Accuracy 0.2 %	
AC current	Range 0.1 μ A to 10 A Accuracy 1.5%	
Resistance	Range 0.1 Ω to 50 M Ω	
CARRYING CASE	THE METER SHOULD BE HOUSED IN A SUITABLE CARRYING CASE	

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