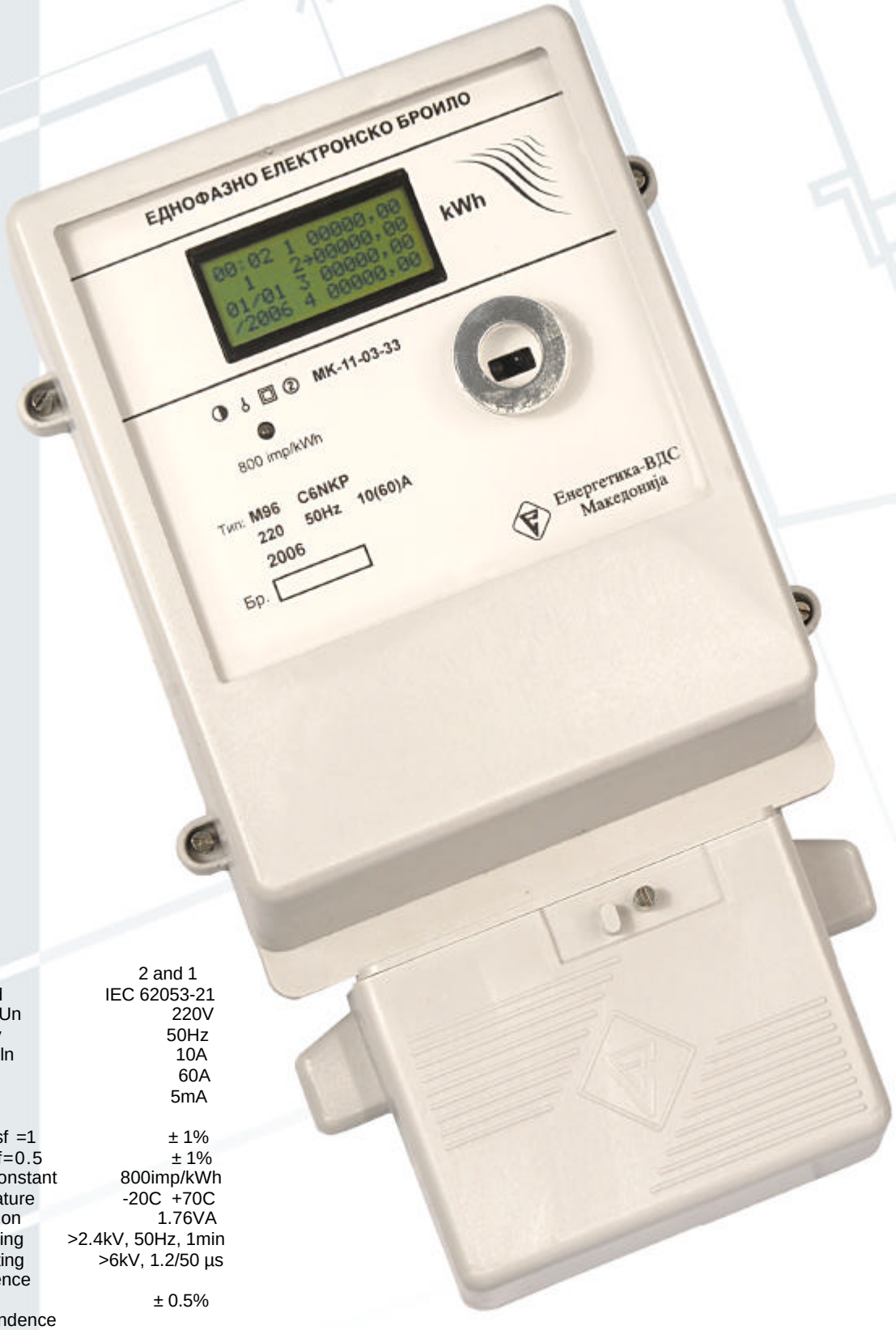

ENERGETIKA VDS

Class	2 and 1
Metrical standard	IEC 62053-21
Nominal voltage Un	220V
Power frequency	50Hz
Nominal current In	10A
Maximal current	60A
Initiating current	5mA
Error limits	
0.05In...Imax, cosf =1	± 1%
0.1In…Imax, cosf=0.5	± 1%
Power counter constant	800imp/kWh
Working temperature	-20C +70C
Pover consumption	1.76VA
High voltage testing	>2.4kV, 50Hz, 1min
Over voltage testing	>6kV, 1.2/50 µs
Voltage dependence	
± 10% Un, I=In	± 0.5%
Frequency dependence	
± 5% fn, I=In	± 0.5%
Weight	1.68kg
Inner fitting diameter	6.5mm

The following data are possible through the optical port

- reading the consumed electrical energy in all tariffs
- reading the consumed electrical energy for fifteen months before in all tariffs, on the first day each month
- reading the actual voltages in phases
  Ur with accuracy ±0.2 V
- reading the actual current in phases
  Ir with accuracy ±0.2 A
- change of the current time and day
- reading the current time and day
- change of date, month and year
- reading the date, month, and year
- change of the memory managing the tariffs
- setting a serial number for the Watt-hour meter
- reading the serial number for the Watt-hour meter
- survey of the memory managing the tariffs
- setting a variable for the Watt-hour meter
- reading the set variable
- identification of the Watt-hour meter
- displaying a fault
- memory 12 Mb
- E - enable save
- D - disable save
- W - save
- R - read memory
- M - memory full
- G - memory error
- change memory from 1 min. to 60 min. to save the
  Ir , Ur , Wr
  (1 min. can save 47 day , 2 min. can save 94 day ... etc)
- change of baud rate (300-9600)bit/s