

M96 SMART

Single Phase Watt-Hour Meter (4-tariff, GSM-ready)

Revision 2014

Single-phase smart electronic meter with four-tariff register, eight memory profiles, 15 day / 15 week / 15 season tariff calendar, optical IEC 62053-21 port, and optional integrated GSM modem.

Manufactured in-house at our SMT line.

DDM Novastar SPR-45 + LS60 + GF-120HT, AOI on every joint, per-unit calibration to NVRAM.

[Energetika-VDS](#) · [Strumica, Macedonia](#) · [energetika-vds.com](#)

Reference detail on the following page.

SMART Single phase
watt hour meter
with four tariff
Eight memory
Fifteen type of day
Fifteen type of week
Fifteen type of season
with GSM or without
GSM modem

SINGLE PHASE FOUR TARIFF WATT HOUR METER



Class	2 (IEC 62053-21)
Nominal current I_n	10 A
Maximal current I_{max}	60 A
Thermal current	1,2 I_{max}
Initiating current	$<0,025 I_n \text{ pri } \cos \varphi = 1$, za klasa 2
Nominal voltage	230 VAC
Voltage range	0,8 U_n ... 1,15 U_n
Frequency	50 Hz ili 60 Hz
Power counter constant	800 imp/kWh
Working temperature	-25°C ... +60°C
Extended temperature range	-40°C ... +70°C
Storage temperature	-40°C ... +80°C
Power consumption	$< 2W$
Internal real time clock	
Accuracy (on 25°C)	± 1 s/day
Backup power supply	6 year
RTC	Quartz crystal 32,768 kHz
Optical port	
Optical port	IEC 62053-21
Impulse voltage	8 kV, 1,2/50 μ s (IEC 62053-21 i IEC 62052-11)
Dimensions	($\text{h} \times \text{v} \times \text{d}$) 119 x 180 x 59 mm
Weight	0,7 kg