

Technical specifications	MSA 330	MSA 340
Operating conditions		
Working temperature range	min. -10 °C, max. +45 °C	min. -10 °C, max. +45 °C
Electrical data		
Input voltage range (Vac)	180–265	180–265
Frequency range (Hz)	40–70	40–70
Current consumption (Max, A)	16 A	16 A
Output voltage (V ac)	8–48	8–48
Output current (max, A)	90	90
Input power (KW)	2.75	2.75
Type of protection	IP54	IP54
Protection class	I	I
Data and operation control		
Data recording capacity (Number of protocols)	500	1000
Communication interface	USB Type A	USB Type A
Buttons	5+Start+Stop	5+Start+Stop
Display	LCD20x4 s	LCD20x4 s
Display colors	Blue/White	Blue/White
GPS accuracy (average)	-	3m
Mechanical data		
Dimensions (mm)	280x480x320	280x480x320
Weight (Kg)	21.7	21.7
Case material	Aluminium	Aluminium
Mains cable length	4 m	4 m
Fusion cable length	4 m	4 m
Mains plug	Schuko 16A	Schuko 16A
Connectors	4mm	4mm
Adapters (90°)	4.0–4.0 mm/4.0–4.7 mm	4.0–4.0 mm/4.0–4.7 mm
Norms compliance		
EMC [EN61000]	✓	✓
Safety [EN60335]	✓	✓
ISO12176-2/3	✓	✓
ISO12176-4		✓
UNI 10566 2009	✓	✓