



Sinan UB-90HB – Serial with 8 tips. The cheap alternative to your original adapter!

You can supply most of the common Notebooks fast and efficient with the universal adapter **Sinan UB-90HB**.

Almost every model can be connected (further adapters are optional available) due to the 8 included, changeable tips. With its flat design, the adapter fits in almost every Notebook bag.

The most important feature is the automatic voltage change. If chosen the right tip the adapter changes the voltage automatically depending on the tip. A wrong voltage should be almost impossible.

Specifications

Output	15-20V, max. 6A, max. 90W
Input	100-240V / 50-60Hz
Number of Tips	8
Safeties	Over-Voltage-Protection Over-Current-Protection Over-Heat-Protection Over-Load-Protection Short-Circuit-Protection
Device Dimension (h/w/d)	30/58/132mm
Package Dimension (h/w/d)	215/150/50mm
Weight (Net.)	250g
Weight (Gros.)	435g
Packing Unit	1/20/800
Guarantee and Warranty	24 Months Guarantee
Article Number	88882145
EAN-Code	4260133129573
Scope of Delivery	Power Cord 8 Various Tips Manual (German)
Features	Automatic voltage change, depending on Tip Up to 19 Tips optional High efficiency

Overview available and included Tips (● = included ; / = available)

Tip	Voltage	Dimensions in mm	Compatible with	included/ optional	Article No.
M1	15V	6.3 x 3.0 x 12	Toshiba, NEC	●	on request
M2	16V	5.5 x 2.5 x 12	IBM / Lenovo	●	on request
M3	16V	6.5 x 4.4 x 10	Fujitsu, Sony	●	on request
M4	18.5V	4.8 x 1.7 x 12	HP / Compaq	●	on request
M4B	19V	8.0 x 1.7 x 12	HP / Compaq	/	on request
M5	19V	5.5 x 2.5 x 12	Acer, Asus, Delta, Gateway, IBM, NEC, Toshiba, Hasee, Lenovo, LiteOn	●	on request
M6	19V	5.5 x 3.0 x 12	Samsung	●	on request
M7	19V	5.5 x 2.1 x 12	Acer, LiteOn, NEC	●	on request
M8	19.5V	6.5 x 4.4 x 10	Sony	●	on request
M9R	19.5V	7.4 x 5.0 x 12	Dell	/	88885349
M10	20V	3 Holes	Dell	/	on request
M11R	20V	7.9 x 5.4 x 12	IBM / Lenovo	/	88885351
M12R	18.5V	7.4 x 5.0 x 12	HP / Compaq	/	88885350
M14	18.5V	Oval	HP / Compaq	/	on request
M15R	19V	5.5 x 1.7 x 12	Acer, LiteOn	/	88885353
M19	19V	2.5 x 0.7 x 10	Asus	/	on request
M20	19V	4.0 x 1.7 x 12	HP	/	on request
M21	19.5V	Octagonal	Dell	/	on request
M22	19V	3.0 x 1.0 x 10	Samsung	/	on request
M23	19.5V	4.5 x 3.0 x 10	Dell	/	on request
M24	19.5V	4.0 x 1.7 x 12	HP	/	on request
M25	20V	5.5 x 2.5 x 12	Lenovo	/	on request
M26	19V	4.0 x 1.35 x 10	Asus	/	on request
M27	19V	4.5 x 3.0 x 10	Asus	/	on request
M28R	20V	11 x 4.5 x 11	Lenovo	/	88885352
M29R	19.5V	4.5 x 3.0 x 12	HP Envoy	/	88885355
M30	19.5V	4.8 x 14.7 x 10	HP Envoy	/	on request