

SPECIFICATIONS FOR 9740 LA	12V	24V	36V	48V
Input voltage:	190 - 264V AC	198 - 264V AC	198 - 264V AC	198 - 264V AC
Line frequency:	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
Charge control:	3 step IUU	3 step IUU	3 step IUU	3 step IUU
Charge voltage: cycle mode:	14.7V	29.4V	44.1V	58.8V
Charge voltage, standby mode:	13.7V	27.4V	41.1V	54.8V
Timer:	4 hours ± 30min.	4 hours ± 30min	4 hours ± 30min	4 hours ± 30min
Charge current:	10A +0/-10%	5A +0/-10%	3.3A +0/-10%	2.5A +0/-10%
Input surge current limitation:	< 30A	< 30A	< 30A	< 30A
Leakage current from battery with mains switched off:	< 2.5mA 12V battery voltage	< 3.5mA 24V battery voltage	< 4.0mA 36V battery voltage	< 4.0mA 48V battery voltage
Ripple:	< 100mV p-p	< 100mV p-p	< 100mV p-p	< 100mV p-p
Efficiency (at 100% charge current) approx.:	> 83%	> 85%	> 85%	> 85%
Switch frequency approx.:	63kHz	63kHz	63kHz	63kHz
Temperature range: *Operating:	-25 to +40oC	-25 to +40oC	-25 to +40oC	-25 to +40oC
Temperature range: *Storage:	-25 to +85oC	-25 to +85oC	-25 to +85oC	-25 to +85oC
Protection:	Short circuit proof / Against reversed polarity	Short circuit proof / Against reversed polarity	Short circuit proof / Against reversed polarity	Short circuit proof / Against reversed polarity
Insulation class:	Class 1	Class 1	Class 1	Class 1
Insulation voltage: Primary - ground:	1500V AC (2200VDC)	1500V AC (2200VDC)	1500V AC (2200VDC)	1500V AC (2200VDC)
Primary - secondary:	4000V AC (5700VDC)	4000V AC (5700VDC)	4000V AC (5700VDC)	4000V AC (5700VDC)
Secondary - ground:	500V AC (710VDC)	500V AC (710VDC)	500V AC (710VDC)	500V AC (710VDC)
Electrical Safety standards:	EN 60335-2-29, EN 60601-1	EN 60335-2-29, EN 60601-1	EN 60335-2-29, EN 60601-1	EN 60335-2-29, EN 60601-1 Under condition that the output voltage inaccessible!
EMC standards:	EN 61000-6-3, EN 55014, EN 61000-6-1, EN 60601-1-2	EN 61000-6-3, EN 55014, EN 61000-6-1, EN 60601-1-2	EN 61000-6-3, EN 55014, EN 61000-6-1, EN 60601-1-2	EN 61000-6-3, EN 55014, EN 61000-6-1, EN 60601-1-2
IP-Grade:	21 PCB with components are protected with Coating	21 PCB with components are protected with Coating	21 PCB with components are protected with Coating	21 PCB with components are protected with Coating
Mains connection:	Mains cord	Mains cord	Mains cord	Mains cord
Output terminals:	Leads with battery clips	Leads with battery clips	Leads with battery clips	Leads with battery clips
Indication: 3 colour LED	Green: Constant voltage, standby mode	Green: Constant voltage, standby mode	Green: Constant voltage, standby mode	Green: Constant voltage, standby mode
Dimensions (LxWxH):	184 x 171 x 54mm	184 x 171 x 54mm	184 x 171 x 54mm	184 x 171 x 54mm
Weight:	1.5kg	1.5kg	1.5kg	1.5kg