

SPECIFICATIONS FOR 2045 LA	12V	24V	36V	48V
Input voltage:	198 - 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: Timer mode:	14.7V	29.4V	44.1V	58.8V
Float mode:	13.7V	27.4V	41.1V	54.8V
Temperature coefficient:	-3 to -4mV/°C pr. cell	-3 to -4mV/°C pr. cell	-3 to -4mV/°C pr. cell	-3 to -4mV/°C pr. cell
Timer:	4 hours ± 30min.	4 hours ± 30min	4 hours ± 30min	4 hours ± 30min
Charge current, boost mode:	20A	10A	6.7A	5A
Input surge current limitation:	< 35A	< 35A	< 35A	< 35A
Leakage current from battery with mains switched off:	< 0.5mA 12V battery voltage	< 0.5mA 124V battery voltage	< 0.5mA 36V battery voltage	< 0.5mA 48V battery voltage
Ripple:	< 100mV p-p	< 100mV p-p	< 100mV p-p	< 100mV p-p
Efficiency (at 100% charge current) approx.:	> 83%	> 85%	> 88%	> 88%
Switch frequency approx.:	67kHz	67kHz	67kHz	67kHz
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 / Over temperature protection	Short circuit proof / Against reversed polarity / Over temperature protection	Short circuit proof / Against reversed polarity / Over temperature protection	Short circuit proof / Against reversed polarity / Over temperature protection
Insulation class:	Class 1	Class 1	Class 1	Class 1
Insulation voltage: Primary - ground:	1500V AC	1500V AC	1500V AC	1500V AC
Primary - secondary:	4000V AC	4000V AC	4000V AC	4000V AC
Secondary - ground:	500V AC	500V AC	500V AC	500V AC
Electrical Safety standards:	EN 60335-2-29	EN 60335-2-29	EN 60335-2-29	EN 60335-2-29
EMC standards:	EN 50081-1, EN 55014, EN 50082-1	EN 50081-1, EN 55014, EN 50082-1	EN 50081-1, EN 55014, EN 50082-1	EN 50081-1, EN 55014, EN 50082-1
IP-Grade:	20 PCB with components are protected with Coating	20 PCB with components are protected with Coating	20 PCB with components are protected with Coating	20 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	Red: Constant current mode Yellow: Constant voltage, timer mode	Red: Constant current mode Yellow: Constant voltage, timer mode	Red: Constant current mode Yellow: Constant voltage, timer mode	Red: Constant current mode Yellow: Constant voltage, timer mode
Dimensions (LxWxH):	215 × 186 × 63.5mm	215 × 186 × 63.5mm	215 × 186 × 63.5mm	215 × 186 × 63.5mm
Weight:	2.32kg	2.32kg	2.32kg	2.32kg