

3 TECHNICAL SPECIFICATIONS

The FRWD0803 device technical specifications are shown in table 3.

	Counts	Unit	Tolerance
MAINS AC INPUT VOLTAGE	230	V AC	+/- 10%
MAINS AC INPUT FREQUENCY	50	Hz	
SPOTS OUTPUT VOLTAGE ¹	12	V DC	+/- 5%
SPOTS OUTPUT CURRENT ²	1,66	A	+/- 5%
DC OUTPUT ripple ³	33	mV	
Battery charging voltage <i>*using Adaptive Load charging control this count will be variable and dynamically changes</i>	13.8*	V DC	+/- 10%
Efficiency	80.2	%	At full load
Fuse rating	1	A	Fast blow
Standby duration ⁴	1.5	Hours	+/- 1%
DC OUTPUT Overvoltage protection threshold	N/A	V	N/A
DC OUTPUT short circuit protection threshold	2.00	A	+/-1%
MAINS AC INPUT over voltage protection	250	V AC	+/-10%
MAINS AC INPUT under voltage protection	198	V AC	+/-10%
Enclosure	ABS	IP65	
Dimensions(mm)	W120	L165	H80
Weight	960	gr	
Color	Light	gray	

Table3. FRWD0803 Technical specifications

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The above numbers measured at connector MAIN. FOUR INTELCO LED spots connected to MAIN connector, and TWO INTELCO LED spots connected to MAIN/EMERGENCY connector. Current measurement was continuous DC.

⁴ The above standby duration was measured using ONE INTELCO LED spot connected at EMERGENCY connector, and the spots brightness dropped to 30% after three hours of continuous battery supply.