

QL 85W Generator (100-277V)		
PRODUCT DATA	QL	QL 2019-
Product number	GE08512001/ GE08523001	GE08510271
Product description	QL Generator 85W 100-120V QL Generator 85W 200-277V	QL Generator 85W 100-277V
Pieces per box	6	6
Net weight	0.580 kg per piece	0.50 kg per piece
Dimensions (L x W x H)	152 x 76 x 41 mm	155 x 100 x 51 mm
Connectors	Cage clamp terminals	Screw Terminal Blocks
General Characteristics		
Lifetime system	80.000 hrs at Tc=72°C	100.000 hrs at Tc=65°C
Efficiency	> 90%, max. load	> 90%, max. load
Cooling	convection, dependent on system set-up, heat sinking required	convection, dependent on system set-up, heat sinking required
Tcase	82°C max (72°C for full life)	80°C
Storage	-40°C to +85°C	-40°C to +55°C
Operating temp.	-40°C to +55°C ambient -25°C to +50°C (Label)	-30°C to +40°C
Operating position	Universal	Universal
Safety approvals	C-UL-US and CE	CE
EMC approvals	Complies with all international EMC requirements	Complies with all international EMC requirements
Electrical Characteristics		
Input line freq.	45 - 66Hz	45 - 66Hz
Power Factor	> 0.98	> 0.96
Current THD	ANSI C82.11-2002	ANSI C82.11-2002
Output Voltage	130 - 220 V _{ac} 300V (Label)	300V
Switching freq.	2.67 MHz ± 8%	2.65 MHz ± 5%
Current nom.	Depending on lamp	Depending on lamp
Run-up/short	< 1.8 x I _{nom}	Short circuit protection
Dimming	EN60929, 1-10 V _{dc} analog, 50-100% output power	-
Label		
Lamp	QL 85W/..	QL 85W
P _{syst}	85W(100-50%)	85W
U _n	100-120V/200-277V	100-120V/200-277V
I _n	/0.3-0.4A	1.0 A/0.5A
U-OUT	300V	300V
t _c	82°C	80°C
t _a	-25.. +50°C	-30.. +40°C
Mains wiring	2.5 [□]	1.5 [□]
IP	40	20