






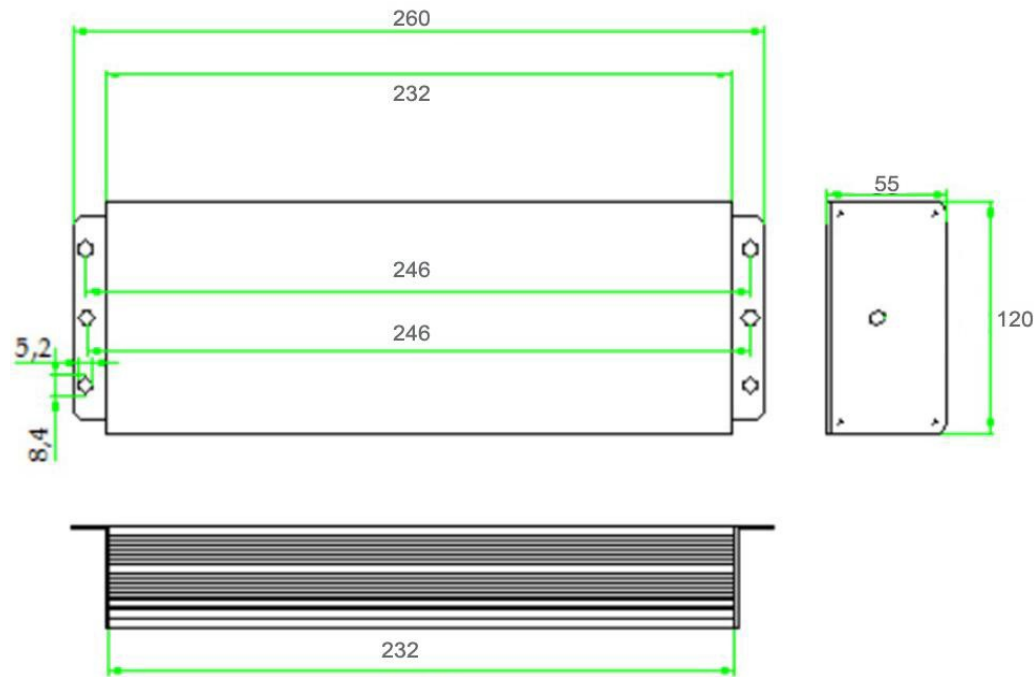


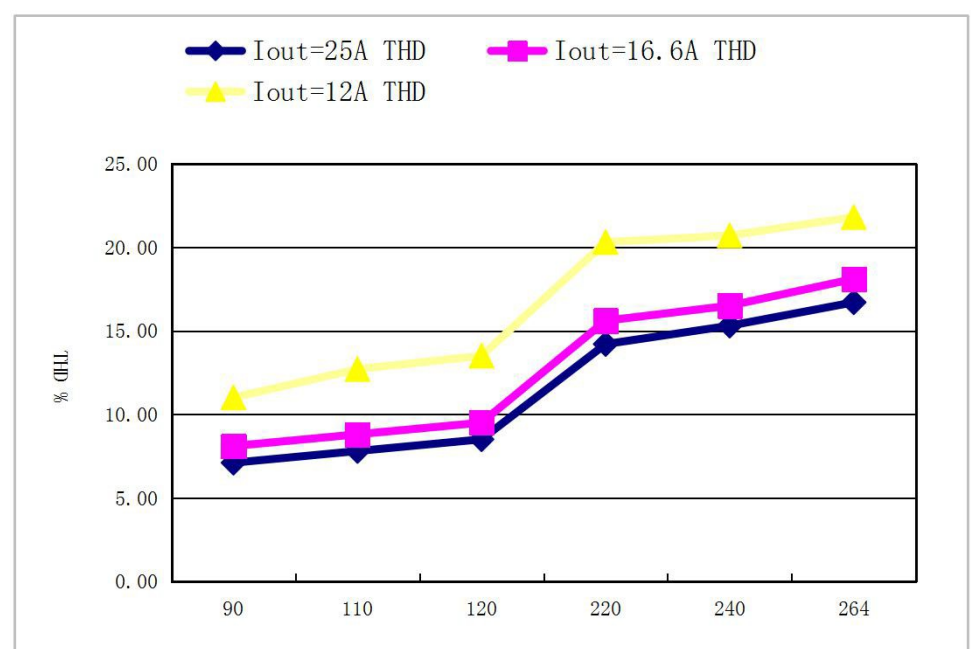
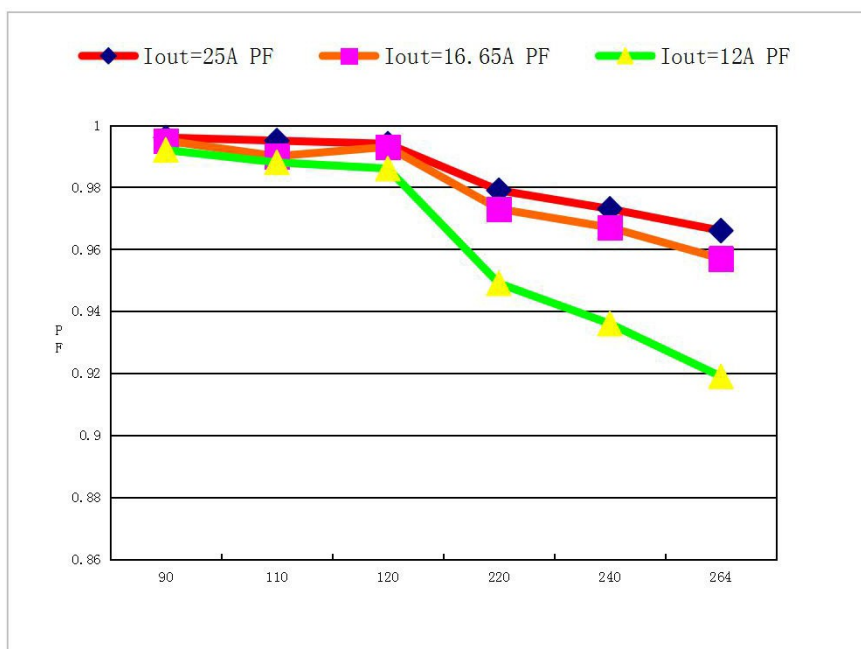
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|--|---|--|--|-------|
| <div>HALO SERIES™ UNDERGROUND LIGHTING SOLUTIONS</div> | | HALO-PC-600W series | | |
| High PF Constant Voltage Waterproof LED Power Supply | | | | |
| <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div>IP67</div></div></div> | | | | |
|  | | | Features: | |
| | | | • The output voltage is constant | |
| | | | • Input voltage:100-277VAC | |
| | | | • Using active built-in PFC technology | |
| | | | • Efficiency>92% PF>0.98 | |
| | | | • Protection: SCP/OVP. | |
| | | | • Aluminum case waterproof | |
| | | | • Easy to install | |
| | | | • Nature cooling | |
| | | | • CE/ROHS/SAA/TUV passed | |
| • 5 Years warranty | | | | |
| Specification Sheet | | | | |
| Model | | HALO-PC-600W | | |
| Output | Output Voltage | 24V | 36V | 48V |
| | Voltage Precision | ±1V | | |
| | Output Current | 25A | 16.6A | 12.5A |
| | Output Power | 600W(Max) | | |
| | Line Regulation | 1% | | |
| Input | Input Voltage Range | 100-277V | | |
| | AC Current (Typ) | 4.831A@100VAC 3.945A@110VAC 1.891A@230VAC 1.628A@264VAC | | |
| | Frequency Range | 47-63Hz | | |
| | PFC (Typ) | >0.98@full load | | |
| | Full-loading Efficiency | 92%@full load | | |
| Protection | Short Circuit | Short circuit protection / Over voltage protection | | |
| | Over Voltage | <305VAC | | |
| Environment | Operation Temperature | -40~+60℃ | | |
| | Operation Humidity | 20~90% | | |
| | Storage | -40~ +85℃, 10~95%RH | | |
| | Temperature Coefficient | ±0.03%/℃ (-45~50℃) | | |
| | Vibration Resistance | 10~500HZ,2G 10Min/period,X、Y、Z line per 60 mins | | |
| Safety & EMC | Standard | Refer to EN 61347-1;EN 61347-2-13; EN 62493 | | |
| | Withstand Voltage | I/P-O/P:3.75KVAC | | |
| | Insulating Strength | I/P-O/P:400M Ω/500 VDC/25℃/70%RH | | |
| | EMC Emission | To Correspond EN55015, EN61000-3-2(≧50% load) | | |
| | EMC Immunity | To Correspond EN55015, EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard (Surge 4KV) | | |
| Other | Weight | 3000g | | |
| | Dimension | 260*120*55mm (L*W*H) | | |
| | PCB | 94V-0 PC fire retardant | | |
| | Color | Dark Grey | | |
| | Packing | 44*28*18cm/10pcs | | |
| NOTE | All parameters are measured at normal temperature (25-28℃) 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47uf parallel capacitor (@ full load). 2、The efficiency measured at Max output voltage, and 230VAC with full load, if with 110VAC the efficiency will be lowered0.5%~1.5%; Working 1~2 hours, efficiency will be higher 1.5%~1%than the initial stage. | | | |

High PF Constant Voltage Waterproof LED Power Supply

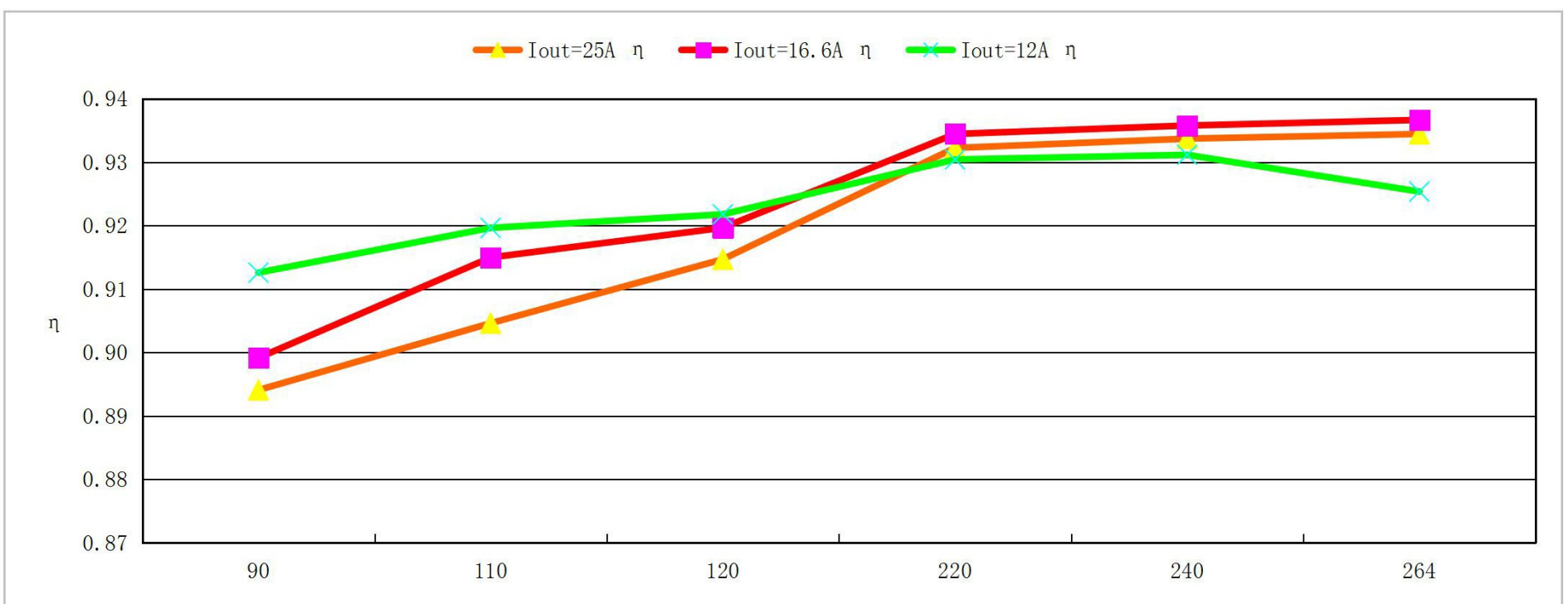
1. Mechanical Specification



2. Power Factor & THD Characteristics



3. Efficiency & Load of (110VAC / 230VAC)



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