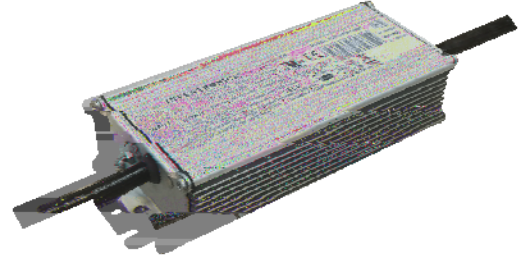


91.0%

6kV, 10kV



IP67 UL

Class 2 & SELV

Class I, Division 2

5



EUP-075SxxxST

75W

90-305Vac

| | (1) | | (2) | | | (3) | | | |
|-------------|-------------|---------|----------------------------|------------|------|-------|--------|--------|------------------------------|
| | | | | | | | 120Vac | 220Vac | |
| 350-700mA | 450-700mA | 550 mA | 90~305 Vac/ 127~300 Vdc | 54~167Vdc | 75 W | 91.0% | 0.98 | 0.96 | EUP-075S070ST |
| 700-1050mA | 700-1050mA | 700 mA | 90~305 Vac/ 127~300 Vdc | 36~107Vdc | 75 W | 91.0% | 0.98 | 0.96 | EUP-075S105ST ⁽⁴⁾ |
| 1050-1750mA | 1190-1750mA | 1400 mA | 90~305 Vac/ 127~300 Vdc | 22 ~ 63Vdc | 75 W | 90.5% | 0.98 | 0.96 | EUP-075S175ST ⁽⁴⁾ |
| 1080-1800mA | 1400-1800mA | 1400 mA | 90~305 Vac/ 127~300 Vdc | 22 ~ 54Vdc | 75 W | 90.5% | 0.98 | 0.96 | EUP-075S180ST ⁽⁵⁾ |
| 1700-2800mA | 1900-2800mA | 2100 mA | 90~305 Vac/ 127~300 Vdc | 14 ~ 39Vdc | 75 W | 89.5% | 0.98 | 0.96 | EUP-075S280ST ⁽⁵⁾ |

1 75W

2 UL, FCC 100-277Vac 127-300Vdc; 100-240Vac 127-250Vdc KS

3 100% 220Vac " "

4 SELV

5 Class 2 & SELV

| | | | | |
|--------|--------|----|-----------------------|--|
| | | | | |
| | 90 Vac | - | 305 Vac | 127~300 Vdc |
| | 47 Hz | - | 63 Hz | |
| | - | - | 0.75 MIU | UL8750; 277Vac/ 60Hz |
| | - | - | 0.70 mA | IEC60598-1; 240Vac/ 60Hz, |
| | - | - | 1.05A | 100% 100Vac |
| | - | - | 0.45A | 100% 220Vac |
| I^2t | - | - | 0.54 A ² s | 220Vac 25 10%Ipk-10%Ipk = 164 μ s |
| | 0.9 | - | - | 100-277Vac, 50-60Hz, 75%-100% |
| | - | - | 20% | 56-75W |
| | - | 8% | - | 220-240Vac, 50-60Hz, 80%-100% LED THD<10% |

| | | | | |
|---------------|----------|----------|-----------|----------------|
| | | | | |
| | -5%loset | - | 5%loset | 100% |
| (loset) | | | | |
| EUP-075S070ST | 350 mA | - | 700 mA | |
| EUP-075S105ST | 700 mA | - | 1050 mA | |
| EUP-075S175ST | 1050 mA | - | 1750 mA | |
| EUP-075S180ST | 1080 mA | - | 1800 mA | |
| EUP-075S280ST | 1700 mA | - | 2800 mA | |
| | | | | |
| EUP-075S070ST | 450 mA | - | 700 mA | |
| EUP-075S105ST | 700 mA | - | 1050 mA | |
| EUP-075S175ST | 1190 mA | - | 1750 mA | |
| EUP-075S180ST | 1400 mA | - | 1800 mA | |
| EUP-075S280ST | 1900 mA | - | 2800 mA | |
| (pk-avg) | - | 50%Iomax | 100%Iomax | 100% 20 MHz BW |
| | - | - | 10%Iomax | 100% |
| | | | | |
| EUP-075S070ST | - | - | 200 V | |
| EUP-075S105ST | - | - | 119 V | |
| EUP-075S175ST | - | - | 78 V | |
| EUP-075S180ST | - | - | 59 V | |
| EUP-075S280ST | - | - | 59 V | |
| | - | - | ± 0.5% | 100% |
| | - | - | ± 1.5% | |

| | | | | |
|--|---|----------|-------|------------------|
| | | | | |
| | - | - | 1.0 s | 120Vac, 75%-100% |
| | - | - | 0.5 s | 220Vac, 75%-100% |
| | - | 0.03%/°C | - | = 0°C ~ Tc |

25°C

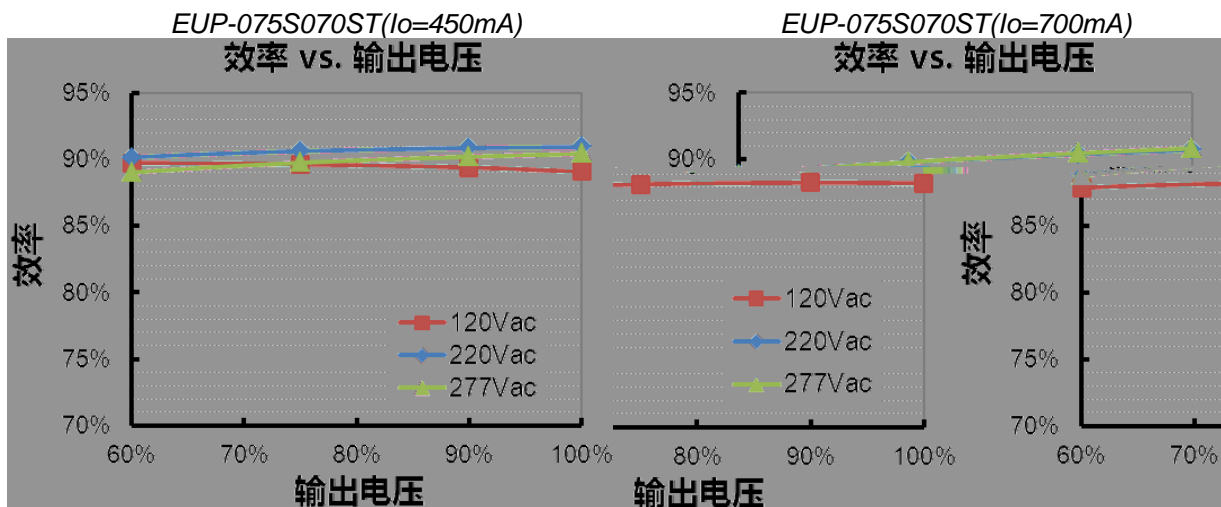
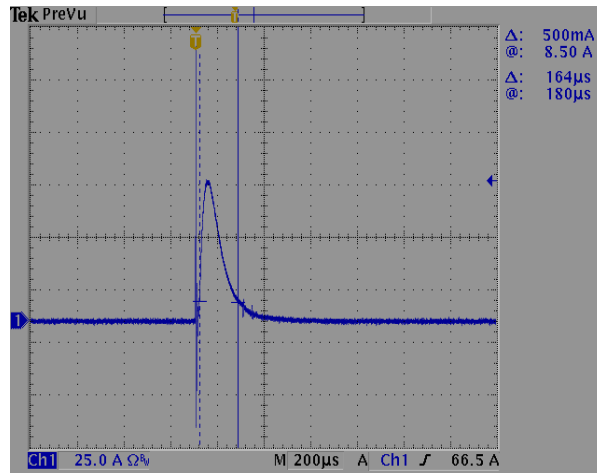
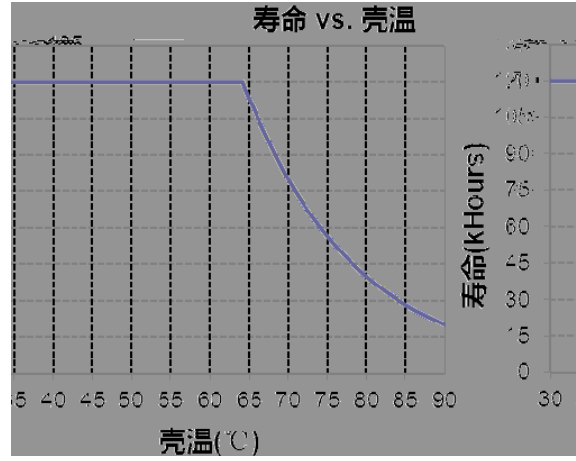
| | | | | |
|----------------|-------|-------|---|-------------|
| | | | | |
| @120Vac | | | | |
| EUP-075S070ST | | | | |
| Io= 450 mA | 87.0% | 89.0% | - | |
| Io= 700 mA | 86.0% | 88.0% | - | |
| EUP-075S105ST | | | | |
| Io= 700 mA | 87.5% | 89.5% | - | |
| Io=1050 mA | 86.0% | 88.0% | - | |
| EUP-075S175ST | | | | 100% 25° |
| Io=1190 mA | 86.5% | 88.5% | - | |
| Io=1750 mA | 84.5% | 86.5% | - | 2% |
| EUP-075S180ST | | | | |
| Io=1400 mA | 86.5% | 88.5% | - | |
| Io=1800 mA | 85.5% | 87.5% | - | |
| EUP-075S280ST | | | | |
| Io=1900 mA | 85.0% | 87.0% | - | |
| Io=2800 mA | 83.0% | 85.0% | - | |
| @220Vac | | | | |
| EUP-075S070ST | | | | |
| Io= 450 mA | 89.0% | 91.0% | - | |
| Io= 700 mA | 88.5% | 90.5% | - | |
| EUP-075S105ST | | | | |
| Io= 700 mA | 89.0% | 91.0% | - | |
| Io=1050 mA | 88.0% | 90.0% | - | |
| EUP-075S175ST | | | | 100% 25° |
| Io=1190 mA | 88.5% | 90.5% | - | |
| Io=1750 mA | 86.5% | 88.5% | - | 2% |
| EUP-075S180ST | | | | |
| Io=1400 mA | 88.5% | 90.5% | - | |
| Io=1800 mA | 88.0% | 90.0% | - | |
| EUP-075S280ST | | | | |
| Io=1900 mA | 87.5% | 89.5% | - | |
| Io=2800 mA | 85.0% | 87.0% | - | |



@277Vac
EUP-075S070ST

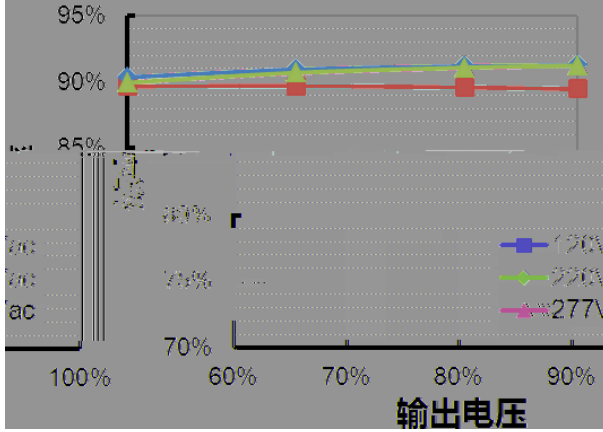
| | |
|----------------------------|---|
| EMI | |
| FCC Part 15 ⁽¹⁾ | ANSI C63.4 Class B |
| | This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired Operation. |
| EMS | |
| EN 61000-4-2 | Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge |
| EN 61000-4-3 | Radio-Frequency Electromagnetic Field Susceptibility Test-RS |
| EN 61000-4-4 | Electrical Fast Transient / Burst-EFT |
| EN 61000-4-5 | Surge Immunity Test: AC Power Line: line to line 6 kV, line to earth 10 kV ⁽²⁾ |
| EN 61000-4-6 | Conducted Radio Frequency Disturbances Test-CS |
| EN 61000-4-8 | Power Frequency Magnetic Field Test |
| EN 61000-4-11 | Voltage Dips |
| EN 61547 | Electromagnetic Immunity Requirements Applies To Lighting Equipment |

: 1 EMI () EMI
 2 , / ()
 (IEC 60598-1-10.2)



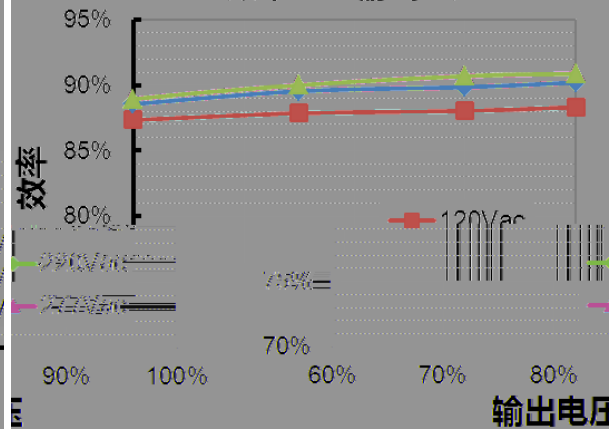
EUP-075S105ST($I_o=700mA$)

效率 vs. 输出电压



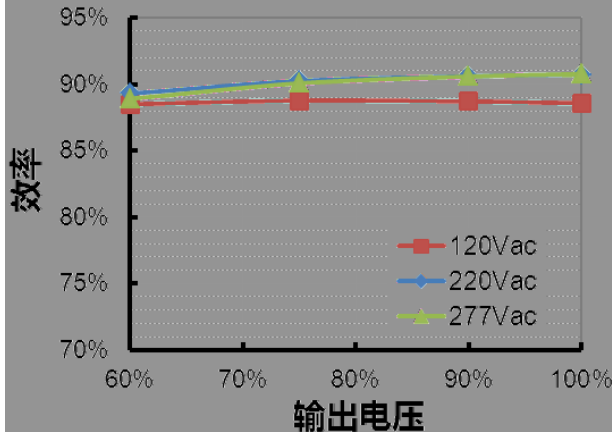
EUP-075S105ST($I_o=1050mA$)

效率 vs. 输出电压



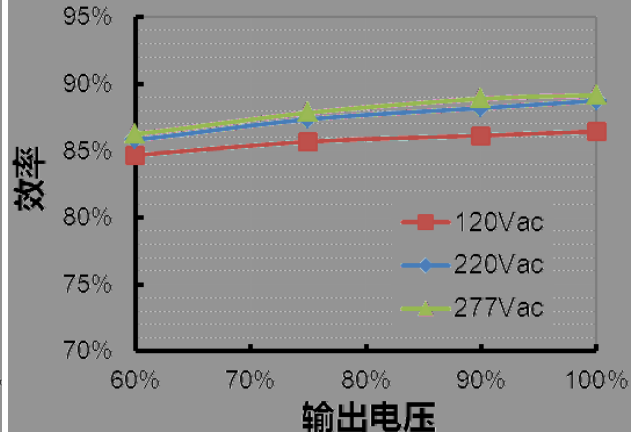
EUP-075S175ST($I_o=1190mA$)

效率 vs. 输出电压



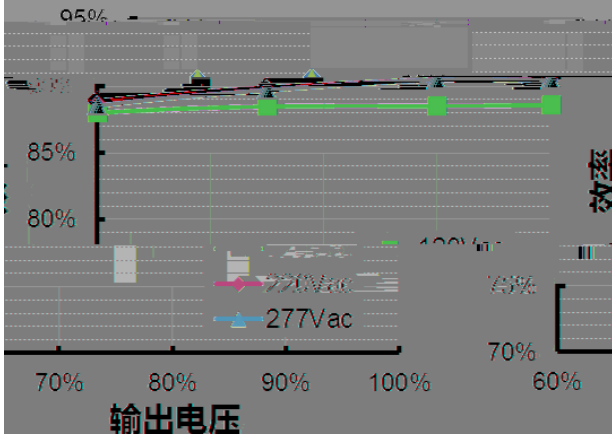
EUP-075S175ST($I_o=1750mA$)

效率 vs. 输出电压



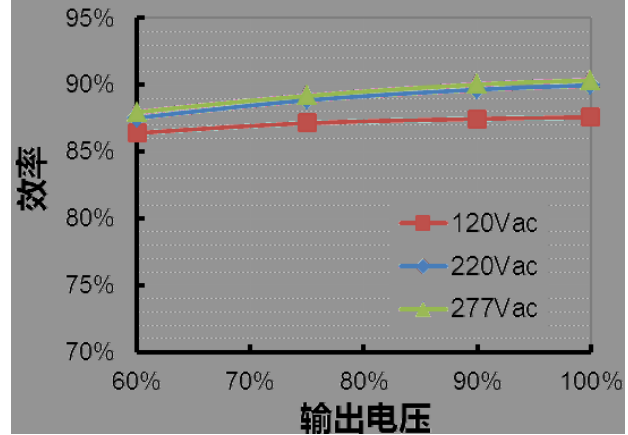
EUP-075S180ST($I_o=1400mA$)

效率 vs. 输出电压



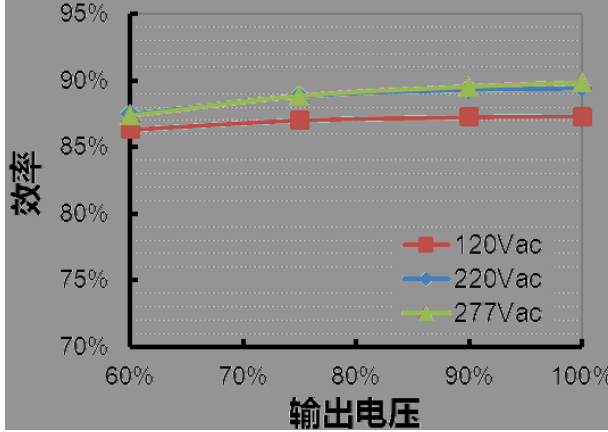
EUP-075S180ST($I_o=1800mA$)

效率 vs. 输出电压



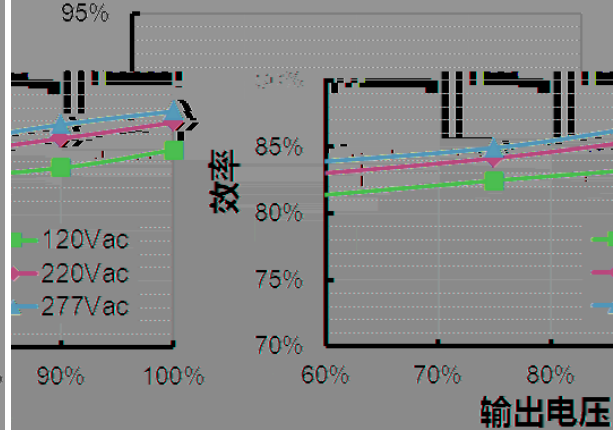
EUP-075S280ST(Io=1900mA)

效率 vs. 输出电压

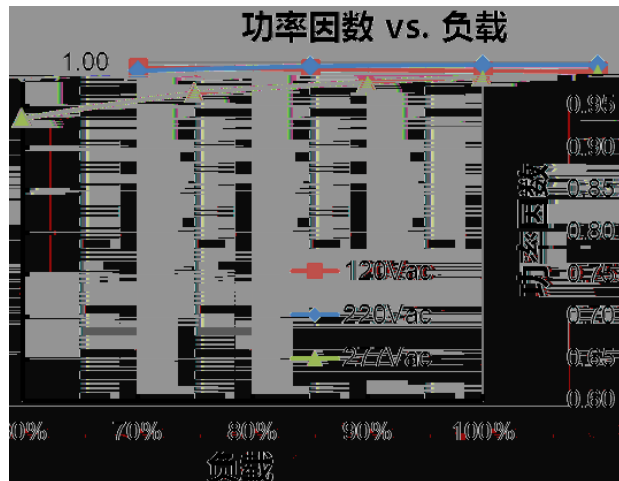


EUP-075S280ST(Io=2800mA)

效率 vs. 输出电压

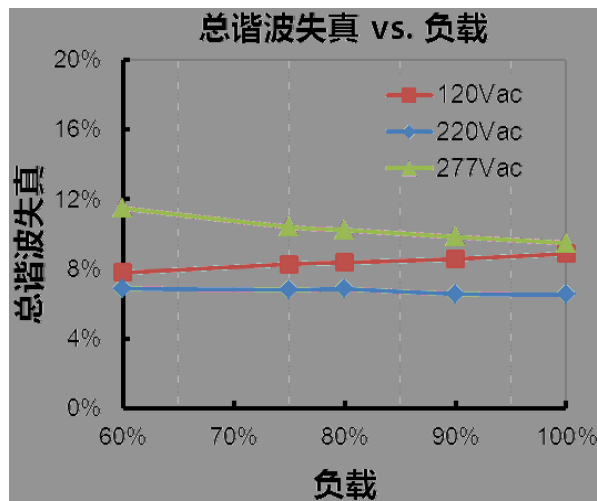


功率因数 vs. 负载



Cree XP-G2

总谐波失真 vs. 负载



| | |
|--|--|
| | |
| | |
| | |
| | |

vs.

EUP-075S070ST

| | | | | (loset) | | | |
|-----|-----|-----|-----|---------|------|------|---|
| 1 | 2 | 3 | 4 | | | | / |
| OFF | ON | ON | ON | 700mA | 54V | 107V | |
| OFF | ON | ON | OFF | 650mA | 58V | 115V | |
| OFF | ON | OFF | ON | 600mA | 63V | 125V | |
| OFF | ON | OFF | OFF | 550mA | 68V | 136V | |
| OFF | OFF | ON | ON | 500mA | 75V | 150V | |
| OFF | OFF | ON | OFF | 450mA | 84V | 167V | |
| OFF | OFF | OFF | ON | 400mA | 94V | 167V | |
| OFF | OFF | OFF | OFF | 350mA | 107V | 167V | |

EUP-075S105ST

| | | | | (loset) | | | |
|----|----|-----|-----|---------|-----|-----|---|
| 1 | 2 | 3 | 4 | | | | / |
| ON | ON | ON | ON | 1050mA | 36V | 71V | |
| ON | ON | ON | OFF | 1000mA | 38V | 75V | |
| ON | ON | OFF | ON | 950mA | 40V | 79V | |
| ON | ON | OFF | OFF | 900mA | 42V | 83V | |

EUP-075S175ST

| | | | | (loset) | | | |
|-----|-----|-----|-----|---------|-----|-------|---|
| 1 | 2 | 3 | 4 | | | | / |
| ON | ON | ON | ON | 1750mA | 22V | 42.5V | |
| ON | ON | ON | OFF | 1680mA | 23V | 44.5V | |
| ON | ON | OFF | ON | 1610mA | 24V | 46.5V | |
| ON | ON | OFF | OFF | 1540mA | 25V | 48.5V | |
| ON | OFF | ON | ON | 1470mA | 26V | 51V | |
| ON | OFF | ON | OFF | 1400mA | 27V | 53.5V | |
| ON | OFF | OFF | ON | 1330mA | 28V | 56V | |
| ON | OFF | OFF | OFF | 1260mA | 30V | 59.5V | |
| OFF | ON | ON | ON | 1190mA | 32V | 63V | |
| OFF | ON | ON | OFF | 1120mA | 34V | 63V | |
| OFF | ON | OFF | ON | 1050mA | 36V | 63V | |

EUP-075S180ST

| | | | | (loset) | | | |
|-----|-----|-----|-----|---------|-----|-----|---|
| 1 | 2 | 3 | 4 | | | | / |
| ON | ON | ON | ON | 1800mA | 22V | 42V | |
| ON | ON | ON | OFF | 1720mA | 22V | 44V | |
| ON | ON | OFF | ON | 1640mA | 23V | 46V | |
| ON | ON | OFF | OFF | 1560mA | 24V | 48V | |
| ON | OFF | ON | ON | 1480mA | 26V | 51V | |
| ON | OFF | ON | OFF | 1400mA | 27V | 54V | |
| ON | OFF | OFF | ON | 1320mA | 28V | 54V | |
| ON | OFF | OFF | OFF | 1240mA | 30V | 54V | |
| OFF | ON | ON | ON | 1160mA | 32V | 54V | |
| OFF | ON | ON | OFF | 1080mA | 35V | 54V | |

EUP-075S280ST

| | | | | (loset) | | | |
|----|-----|-----|-----|---------|-----|-------|---|
| 1 | 2 | 3 | 4 | | | | / |
| ON | ON | ON | ON | 2800mA | 14V | 26.5V | |
| ON | ON | ON | OFF | 2700mA | 14V | 27.5V | |
| ON | ON | OFF | ON | 2600mA | 15V | 28.5V | |
| ON | ON | OFF | OFF | 2500mA | 15V | 30V | |
| ON | OFF | ON | ON | 2400mA | 16V | 31V | |

641.18 .88 17.44 786f107.7 641.118 18 ref15456ref255.66.18 .48 17.94 456r

RoHs

2011/65/EC

| 2016-08-10 | A | | / | / |
|------------|---|-----|--|----------|
| 2016-08-30 | B | | | (loset) |
| | | vs. | / | |
| 2017-06-02 | C | | | (pk-pk) |
| | | | | (pk-avg) |
| 2018-03-02 | D | | / | |
| | | | EUP-075S180ST | |
| | | | / | |
| | | | (loset) | |
| | | | | |
| | | | @ 120Vac | |
| | | | @ 220Vac | |
| | | | @ 270Vac | |
| | | | EUP-075S180ST(Io= 1400mA) EUP-075S180ST(Io= 1800mA) | |
| | | vs. | EUP-075S180ST | |
| 2018-04-19 | E | | / | |
| | | | 2 | |
| | | | 5 | |
| | | | / | |