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<b>Certification No :</b> ESV210047	<b>Certifier :</b> ESV	<b>Applicant :</b> ADM Instrument Engineering	<b>Equipment Class :</b> Level 3 - Power Supply or Charger	<b>Description :</b> Independent LED control gear - constant voltage type
<b>Certified Date:</b> 2/12/2021	<b>Expiry Date:</b> 2/12/2026	<b>Standard:</b> 61347.1:2016 +A1 & AS 61347.2.13:2018		
<b>Certification Conditions:</b> Intended for fixed wiring or to be built-in to equipment. Alternate approval marking ESV150772				

**Profiles**

Model	Trade Name	Profile	Inputs	Outputs	Comments
NPF-90-12, NPF-90D-12, PWM-90-12, PWM-90-12DA	MEAN WELL		100-240V~, 1.1A, 50/60Hz	12Vd.c., 7.5A, 90W	Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover
NPF-90-15, NPF-90D-15	MEAN WELL		100-240V~, 1.1A, 50/60Hz	15Vd.c., 6.0A, 90W	Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 20Vd.c., 4.5A, 90W  
 90-20, WELL  
 NPF-  
 90D-  
 20

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 24Vd.c., 3.75A, 90W  
 90-24, WELL  
 NPF-  
 90D-  
 24,  
 PWM-  
 90-24,  
 PWM-  
 90-  
 24DA

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 30Vd.c., 3.0A, 90W  
 90-30, WELL  
 NPF-  
 90D-  
 30

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 36Vd.c., 2.5A, 90W  
 90-36, WELL  
 NPF-  
 90D-  
 36,  
 PWM-  
 90-36

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 42Vd.c., 2.15A, 90.3W  
 90-42, WELL  
 NPF-  
 90D-  
 42

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN **Inputs** 100-240V~, 1.1A, **Outputs** 48Vd.c., 1.88A, 90.24W  
 90-48, WELL

NPF-  
90D-  
48,  
PWM-  
90-48

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

NPF- MEAN  
90-54, WELL  
NPF-  
90D-  
54

**Inputs** 100-240V~, 1.1A, **Outputs** 54Vd.c., 1.67A, 90.18W  
50/60Hz

**Comments** Class II, IP67, ta: 35oC, tc: 85oC, Do-not-cover

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