

## Components of Solar Domestic Lamp

### I. Ammini Solar Pvt. Limited, Thiruvananthapuram

**Model A** : Luminaire : Make: Ammini Solar, Model No. 4 W – Model A with 607.4 lumen, 151.84 lum/W efficacy and 5304 K CCT

SPV Module : Make: Innovative Solar Solutions, Model No. INV 010

Li Battery : Option 1. Make: WAKAI (ITP Energy Systems)  
Model No. WK 12806

Option 2. Make: Bodhi Energy Solutions

Model No. BES-LP-1206, IFR 32700 -6000 mAh

LED : Osram DURIS- GWJTLPS1.EM

**Model B** : Luminaire : Make: Ammini Solar, Model No. 6 W – Model B with 922.7 lumen, 153.8 lum/W efficacy and 5214 K CCT

SPV Module : Make: Innovative Solar Solutions, Model No. INV 012

Li Battery : Option 1. Make: WAKAI (ITP Energy Systems)  
Model No. WK 12806

Option 2. Make: Bodhi Energy Solutions

Model No. BES-LP-1206, IFR 32700 -6000 mAh

LED : Osram DURIS- GWJTLPS1.EM

### II. Ecomate Energy Solutions, Ernakulam

1. **Model A** : Luminaire: Make: Ammini Solar, Model No. 4 W – Model A with 607.4 lumen, 151.84 lum/W efficacy and 5304 K CCT

SPV Module : Option 1. Make: Innovative Solar Solutions  
Model No. INV 010

Option 2: Make : Ameya Solar, Model No. ASSPL-1210

Li Battery : Option 1. Make: RONDA Li-ion 3.2 V, 3.3 A (12.8 V, 6 Ah)  
Option 2: Make: Bodhi Energy Solutions

Model No. BES-LP-1206, IFR 32700 -6000 mAh  
(12.8 V, 6 Ah)

LED : Osram DURIS- GWJTLPS1.EM

2. **Model B** : Luminaire : Make: Ammini Solar, Model No. 6 W – Model B with 922.7 lumen, 153.8 lum/W efficacy and 5214 K CCT  
SPV Module : Make: Innovative Solar Solutions, Model No. INV 012  
Li Battery : Option 1. Make: RONDA Li-ion 3.2 V, 3.3 A (12.8 V, 6 Ah)  
Option 2: Make: Bodhi Energy Solutions  
Model No. BES-LP-1206, IFR 32700 -6000 mAh  
LED : Osram DURIS- GWJTLPS1.EM

### III. Usha Electronics Systems, Palakkad

1. **Model A** : Luminaire: Make: Usha Electronics Systems, Model No. LUXION SLN 04W with 4.11 W power, 627.1 lumen, 152.58 lum/W efficacy and 5744 K CCT  
SPV Module : Option 1. Make: Innovative Solar Solutions  
Model No. INV 010  
Option 2: Make : Ameya Solar, Model No. ASSPL-1210  
Li Battery : Option 1. Make: Future Hi Tech Batteries  
Model No. FR 177, 12.8V, 6 Ah  
Option 2: Make: RCRS Innovations  
Model No. EXG 1286 L- EXEGI  
LED : Osram DURIS E2835 (24 Nos, 0.2 W each)
2. **Model B** : Luminaire : Make: Usha Electronics Systems, Model No. LUXION SLN 06W with 6.17 W power, 945.55 lumen, 153.25 lum/W efficacy and 5796 K CCT  
SPV Module : Make: Innovative Solar Solutions, Model No. INV 012  
Li Battery : Option 1. Make: Future Hi Tech Batteries  
Model No. FR 177, 12.8V, 6 Ah  
Option 2: Make: RCRS Innovations  
Model No. EXG 1286 L- EXEGI  
LED : SEOUL , Model – STW8A32E-S1 (24 Nos, 0.3 W each)