



ELEGANT

UNIK

PWM SERIES PCU

CORE FEATURES







PURE SINE WAVE



TRUE CV CC **PWM**



LCD DISPLAY



ADVANCED DSP TECHNOLOGY



AI CHARGE **SHARING**

- Big Display for Data
- Maximized Solar Usage through Intelligent modes.
- Incorporated with Microchip and ST DSP Engines
- Safety and Protections

- 5 Stage Battery Charging
- Multiple Battery Selection
- Sleek & Aesthetic design
- Works as standalone Solar Inverter in case of No-Grid











ELEGANT UNIK PWM SERIES PCU

| | | | | | | it office i will coldin. | CU Technic | a opecifications | | |
|--|--|----------------------------------|---|---|---|--|--|---|--------------------------------|--|
| | Parameters | | Rating | | | | | | Adjustable Range | |
| Model | | | EU-PCUOG | P-2012/S11 | | EU-4024/S11 | , , | | | |
| Capacity | | | | | 160 | 00VA | 3000VA | | | |
| | Operating DC Voltage Typical Efficiency | | | 12V 24V ≥80% ≥82% | | | | | | |
| Switching Element | t | | MOSFET | | | | | | | |
| Charger Topology | | | | | | | Boost N | OSFET | | |
| Parameters (Grid) Nominal Grid Volta | | | | | | | 23 | DV | | |
| Nominal Frequence | | | | | | | 50 | | | |
| Frequency Range Output PF. | 45-55Hz 0.8 | | | | | | | | | |
| Battery Charging N | Soft Start/Bulk/Absorption/Float/Equalize | | | | | | | | | |
| Grid-Battery Charging | TUB (Default) | Boost Float | 14.4V ± 0.2V (Each Battery) 13.8V ± 0.2V (Each Battery) | | | | | | 13.8V - 15V 13V - 14.2V | |
| Grid-Battery | SMF | Boost | | 14.2V ± 0.2V (Each Battery) | | | | | | |
| Charging | Sivii | Float | 13.8V ± 0.2V (Each Battery) 15A ± 1A | | | | | | 13.5V - 14.2V 5A - 18A | |
| Grid-Battery Charging | Enable | Maximum | | 18A ± 1A | | | | | | |
| Current | Disable | Normal/Boost | Charging Current 0.0A 11.7V ± 0.2V (Each Battery) | | | | | | 11V - 12.5V | |
| Grid Reconnect @ Grid Low Cut | | UPS Mode Enable | | 11.7V ± 0.2V (Each Battery) 170V ± 10V | | | | | | |
| Voltage | UPS Mode Disable UPS Mode Enable | | 100V ± 10V | | | | | | | |
| Grid Low Cut Recovery | UPS Mode Disable | | 180V ± 10V 110V ± 10V | | | | | | | |
| Grid High Cut | UPS Mode Enable | | 265V ± 10V | | | | | | | |
| Voltage Grid High Cut | UPS Mode Disable UPS Mode Enable | | 290V ± 10V | | | | | | | |
| Recovery | UPS Mode Enable UPS Mode Disable | | 255V ±10V 280V ±10V | | | | | | | |
| Changeover | UPS Mode Enable/Disable | | <6ms | | | | | | | |
| (Batt. to Mains) Changeover | ngeover LIDS Mode Enable/Disable | | <25ms | | | | | | | |
| (Mains to Batt.) DG Mode | Enable/[| | | | | | <25 Disa | | | |
| Parameters (Batte | | Pisanie | | | | | DIS | | <u> </u> | |
| Output Phase | | | | | | | Single | | | |
| Output Waveform Nominal Output V | | | | | | | Sinev 220V | | | |
| Max. Output Watta | age (Bulb Load) | | | | 4. | 2A | | 8.5A | 50Hz | |
| Nominal Frequence Battery Low Buzze | er | | | 50Hz ± 1 10.8V ± 0.02V (Each Battery) | | | | | | |
| Battery Low Cut | o. | | | 10.5V ± 0.02V (Each Battery) | | | | | | |
| Battery High Cut Voltage THD | | | | 16.5V ± 0.02V (Each Battery) | | | | | | |
| Voltage TTID | | | LIDS Mod | <3% (Linear Load) UPS Mode Disable >110% 3-Times Auto Reset with 30sec. Delay and 4th Time Shut Down. | | | | | | |
| Overload Capacity Protection | | | | • | | | | | | |
| | | | UPS Mod | UPS Mode Enable >110% 1st Time Shut Down after 30sec. Delay | | | | | | |
| | | | | >150% Output Goes Down, Shut Down with 10 sec. delay | | | | | | |
| | | | Overload, Battery Low, Battery High, Over Temperature, Short Circuit, PV Reverse, PV High, Mains Fuse Trip, Grid Overload, Wiring Fault | | | | | | | |
| | | | S.No. | Sw | itch | Function(s) | | Switch LED Status | | |
| | | | 1 | 1 POWER | | ON/OFF UPS Output | SYSTEM ON - LED ON , SYSTEM OFF - LED OFF | | | |
| | | 2 | 2 Inverter/UPS | | When it is Short Pressed it Enable UPS/Inverter Mode Selection. When it is | | | | | |
| | | | | | | long Pressed Enables the UPS Parameter Setting. | | UPS Mode ON - LED ON , UPS Mode OFF - LED OFF | | |
| Switches and LED | Indication | | 3 | SMF/TUB | | the UPS Parameter | | UPS Mode ON - LED ON , UPS Mode OFF - LED OFF TUBULAR Battery - LED ON , SMF Battery - LED OFF | | |
| Switches and LED | Indication | | | SMF/TUB | J | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF | | | | |
| Switches and LED | · Indication | | 4 | | J | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode | | TUBULAR Battery - LED ON , SMF Battery - LED OFF | | |
| Display | | | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Ooad in % on Solar, Charg | LED OFF - N Current, Solar ging Mode, P | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED OFF - No | | |
| Display Parameters (Solar Switching Element |) t | | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Ooad in % on Solar, Charg | LED OFF - N Current, Solar ging Mode, P e (Hybrid/PC | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF | | |
| Display Parameters (Solar Switching Element) Switching Element |) t | e/PCU ULTRA | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Ooad in % on Solar, Charg | LED OFF - N | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, Utite/PCU Ultra), UPS ON/OFF | | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging |) t HYBRID/PCU LIT | Boost | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg | Current, Solai ging Mode, P e (Hybrid/PC MOS Hyb 5V ± 0.02V (| TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output officially office of the Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M ach Battery) | 14.2V - 15.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage |) t HYBRID/PCU LIT TUB | Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging (oad in % on Solar, Char Solar Working Mode) | Current, Solar ging Mode, P e (Hybrid/PC MOS Hyb 5V ± 0.02V (1.2V ± 0.02V | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M Aach Battery) [Each Battery) | 13.8V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage SPV Charging Voltage |) t HYBRID/PCU LIT | Boost | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TUBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Coad in % on Solar, Charg Solar Working Mode | Current, Solai jing Mode, P e (Hybrid/PC MOS Hyt 5V ± 0.02V 1.2V ± 0.02V 1.3V ± 0.02V | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output officially office of the Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M ach Battery) | | |
| Display Parameters (Solar Switching Element Operating Mode Type of charging SPV Charging Voltage SPV Charging Voltage Efficiency |) t HYBRID/PCU LIT TUB SMF | Boost Float Boost | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode | Current, Solai ging Mode, P e (Hybrid/PC MOS Hyt PV 5V ± 0.02V (1.2V ± 0.02V 3.9V ± 0.02V ≥9 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET ridd M Sach Battery) Each Battery) | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage SPV Charging Voltage |) t HYBRID/PCU LIT TUB SMF | Boost Float Boost | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode | Current, Solai ging Mode, P e (Hybrid/PC MOS Hyt PV 5V ± 0.02V (1.2V ± 0.02V 3.9V ± 0.02V ≥9 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output officially officially status, J Lite/PCU Ultra), UPS ON/OFF FET rid M Sach Battery) Each Battery) | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode I Type of charger SPV Charging Voltage SPV Charging Voltage Efficiency Solar Current Min. Solar Current Man. Input Voltage Ran |) t t HYBRID/PCU LIT TUB SMF | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Current, Solaia jing Mode, P (Hybrid/PC) MOS Hyt PW 5V ± 0.02V 1.2V ± 0.02V 2.9V ± 0.02V 2.99 ± 0.02V | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M M Cach Battery) Each Battery) | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage SPV Charging Voltage Efficiency Solar Current Min. Solar Current Maximum PV Pow Maximum PV Pow Maximum PV Pow Maximum PV Pow | TUB SMF Superior (March 1988) (Ware Recommended) | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging (oad in % on Solar, Charg Solar Working Mode Selection) 1 1 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 | Current, Solaia jing Mode, P (Hybrid/PC) MOS Hyt PW 5V ± 0.02V 1.2V ± 0.02V 2.9V ± 0.02V 2.99 ± 0.02V | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET ridd M M M Gach Battery) Each Battery) | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode I Type of charger SPV Charging Voltage SPV Charging Voltage Efficiency Solar Current Max. Solar Current Max. Imput Voltage Ran Maximum PV Pox Parameters (Envir | TUB SMF ge (Min - Max) Voer Recommended | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LED OFF - N Current, Solaing Mode, P (Hybrid/PC) MOS Hyt 5V ± 0.02V (1.2V ± 0.02V | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M Sach Battery) Each Battery) | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode I Type of charging Yoltage SPV Charging Voltage Efficiency Solar Current Maximum PV Pow Maximum PV Pow Parameters (Envir Operating Temper Cooling | TUB SMF SMF Ge (Min - Max) Voer Recommender onment) ature | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LED OFF - N Current, Solai ging Mode, P (Hybrid/PC MOS Hyb 5V ± 0.02V 1.2V ± 0.02V 3.3V ± 0.02V 3.9V ± 0.02V 1.4, System v 6 - 6 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green lo Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, U Lite/PCU Ultra), UPS ON/OFF FET ridd M | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage SPV Charging Voltage Efficiency Solar Current Min. Solar Current Maximum PV Pow Parameters (Envir Operating Temper Cooling Max. Relative Hun Noise @ Ilmetre Voltage Ran | TUB SMF ge (Min - Max) Vower Recomment) ature and the state of the st | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LED OFF - 1 Durrent, Solai Jing Mode, P (Hybrid/PC MOS Hyt 59 ± 0.02V 1.2V ± 0.02V 2.99 1A, System v 0 - 5 Fe 6 5 5 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET ridd Mattery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) Take Solar Absent) A 31V - 45V 2000W D°C D°C D°C D°C D°C D°C D°C D°C D°C D° | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode I Type of charging Voltage SPV Charging Fefficiency Solar Current Max Input Voltage Ran Maximum PV Pow Parameters (Envir Operating Temper Cooling Max Relative Hun Noise @ Imetre Standard Complia | TUB SMF : :: :: :: :: :: :: :: :: :: :: :: :: | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L 17V 100 | the UPS Parameter Setting. When it is Pressed it Enables TuBulLAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 14 14 15 15 11 14 16 15 11 16 16 16 16 16 16 16 16 16 16 16 16 | LED OFF - N Current, Solaing Mode, Pe (Hybrid/PC MOS Hyby Fy Sy ± 0.02V 1.2V ± 0.02V 3.3V ± 0.02V 2.99 ± 0.02V 6.02V 6 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selection, Red LED OFF - No Protection Selection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET rid M Seach Battery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) A 31V - 45V 2000W O'C n % BB B | 13.8V - 14.5V 13.5V - 14.5V | |
| Display Parameters (Solar Switching Element Operating Mode Type of charger SPV Charging Voltage SPV Charging Voltage Efficiency Solar Current Min. Solar Current Maximum PV Pow Parameters (Envir Operating Temper Cooling Max. Relative Hun Noise @ Immetre Voltage Ran | TUB SMF i ge (Min - Max) Vower Recommender onment) adure | Boost Float Boost Float | 4 5 Battery | Hybrid/PCU Only LED Voltage, Sol | ar Charging on Battery, L 17V 100 | the UPS Parameter Setting. When it is Pressed it Enables TuBULAR/SMF Battery Selection When it is short pressed it enables Hybrid/PCU Mode Selection Solar Status Green/Red Current, Grid Charging Goad in % on Solar, Charg Solar Working Mode 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LED OFF - 1 Durrent, Solai Jing Mode, P (Hybrid/PC MOS Hyt 59 ± 0.02V 1.2V ± 0.02V 2.99 1A, System v 0 - 5 Fe 6 5 5 | TUBULAR Battery - LED ON , SMF Battery - LED OFF PCU Mode - LED ON, Hybrid Mode - LED OFF ON - Full Solar used , Green LED Blinking - Partial Solar used , Green to Solar used , Red LED ON - PV Reverse Protection, Red LED OFF - No Protection Selected Load Current, Grid Voltage, Grid Frequency, Output Voltage, Output otection, Charging Mode, Solar Kwh(Saving), Solar Availability Status, J Lite/PCU Ultra), UPS ON/OFF FET ridd Mattery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) Each Battery) Take Solar Absent) A 31V - 45V 2000W D°C D°C D°C D°C D°C D°C D°C D°C D°C D° | 13.8V - 14.5V 13.5V - 14.5V | |







