



POWER SUPPLIER

## FLYWATT 11 KW - 10 KWH

### TECHNICAL DATA

| Caratteristica                 | Specifica                                                      |
|--------------------------------|----------------------------------------------------------------|
| AC Production                  | 11 000 W                                                       |
| AC Output                      | 22 000 W                                                       |
| Max Power                      | 10 000 Wh                                                      |
| AC Output Voltage              | 230 VAC $\pm 5\%$                                              |
| Frequency                      | 50 Hz                                                          |
| Type of Signal                 | Pure sinus                                                     |
| Communication Delays           | 10ms (PC) / 20ms (household)                                   |
| AC Output Connections          | 3 mono sockets (16A), 1 mono socket (32A)                      |
| AC Input Connections           | 1 Power Twist NAC3 (20A), 1 P17 CEE male (32A)                 |
| AC Input (Solar)               | Anderson SBSX - 75A                                            |
| Parallel Powerbank Connections | Yes (up to 6 maximum via dry contact)                          |
| Communication Ports            | 1 XLR female 3P, 1 XLR male 3P, 1 SUB-D9 female, 1 SUB-D9 male |

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Automatic Generator Start / Battery Maintenance | Prise SpeakON 4P                                 |
| Recharge AC Power Supply                        | 230 VAC 50 Hz                                    |
| Max Charging Power                              | 3000 W (on 16A socket)                           |
| Recharge Time                                   | < 3h (90%)                                       |
| Earth Leakage Switch                            | 30mA (63A)                                       |
| AC Protection                                   | 3 x 16A circuit breaker, 1 x 32A circuit breaker |
| DC Emergency Stop                               | Mushroom button                                  |
| DC Protection (Battery)                         | Fuse / BMS                                       |
| DC Protection (PV)                              | Fuse / 40A DC circuit breaker                    |
| Battery Chemistry                               | NMC                                              |
| Solar Panels                                    | Max 5500 W                                       |
| MPP Voltage Range                               | 90 VDC – 450 VDC                                 |
| Max Input Voltage PV                            | 500 VDC                                          |
| PV Max Current                                  | 40 A                                             |
| Operating Time @ 300W                           | > 32 h                                           |
| Operating Time @ 500W                           | 20 h                                             |
| Operating Time @ 1000W                          | 10 h                                             |
| Operating Time @ 2000W                          | 5 h                                              |
| Operating Time @ 3000W                          | > 3 h                                            |
| Operating Time @ 4000W                          | 2h30                                             |

|                               |                                                    |
|-------------------------------|----------------------------------------------------|
| Recharge Temperature Range    | 0 ~ 45°C                                           |
| Use Temperature Range         | -20 ~ 50°C                                         |
| Storage Temperature Range     | 0 ~ 35°C                                           |
| Long-Term Storage Temperature | 0 ~ 35°C                                           |
| Dimensions (H x L x P)        | 69 x 56 x 85,5 cm                                  |
| Weight                        | 130 kg                                             |
| Certifications                | CE / Directive BT (2014/35/UE) et CEM (2014/30/UE) |
| Waterproofing                 | IP54                                               |
| Manufacturer's Warranty       | 2 years                                            |