



LEGENDA	
Simbolo	Descrizione
	PANNELLO FOTOVOLTAICO MONOCRISTALLINO 505Wp
	CLASSE DI RESISTENZA AL FUOCO I

**SCHEDA TECNICA PANNELLO FOTOVOLTAICO**

**Vertex** BACKSHEET | TSM-DE18M(II)

**500W+** MAXIMUM POWER OUTPUT

**21.1%** MAXIMUM EFFICIENCY

**0/+5W** POSITIVE POWER TOLERANCE

**High customer value**

- Lower LCOE (Levelized Cost Of Energy), reduced BOS (Balance Of System) cost, shorter payback time
- Lower guaranteed first year and annual degradation
- Designed for compatibility with existing microinverter systems components
- Higher Return on Investment

**High power up to 505W**

- Large area cells based on 210mm diffusion wafers and 5.0 cut cell technology
- Up to 21.1% module efficiency with high density interconnect technology
- Multi-busbar technology for better light trapping effect, lower series resistance and improved current collection

**High reliability**

- Reinforced frame made with innovative non-destructive cutting technology
- Reinforced PVD resistance through self-passivation and flexible material control
- Resistant to salt, ammonia and sand

**High energy yield**

- Excellent light absorber throughout the day (day and low light performance, reduced by 30% energy yield)
- Lower temperature coefficient (-0.30%/°C) and operating temperature
- Optimized power output under low-irradiance conditions

**Comprehensive Products and System Efficiency**

**Tina Solar's Backsheet Performance Warranty**

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Via A. Volta 40 31020 Villorba (TV)  
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Phone: +39 0422 688107  
Mail: info@utopia.solar  
Web: www.utopia.solar

**SCHEDA TECNICA ZAVORRA IN C.A.**

**B. SCHEDA TECNICA ZAVORRA SUN BALLAST**

**Zavorra Anzola 101° V - Art. 23010 V**

**Materiale** Il materiale principale di SUN BALLAST è il calcotrattato, che permette una buona usura nel tempo e la capacità di resistere anche alle perturbazioni più intense e a diverse condizioni climatiche.

**Applicazione** Qualsiasi tipologia di tetto piano con pendenza max 5°, a terra, su terreni battuti con materiale inerte e pannello.

**Angolo di inclinazione** 10°

**Quantità per pannello** 10 pezzi

**Peso zavorra** 60 kg

**Dimensioni base** 70 cm x 98 cm, h = 58 cm

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**Preinstallazione** Orizzontale, Verticale

**Dettaglio sistema unità di misura cm POSA PANNELLO ORIZZONTALE**

**Dettaglio sistema unità di misura cm POSA PANNELLO VERTICALE**

La coppia applicata deve fare riferimento allo standard meccanico conforme al bulone in uso, con buloni M8 o acciaio inox e spessore un copio di serraggio di 5-7-14 Nm.

Le immagini sono illustrative e possono subire eventuali modifiche non sostanziali.

**SCHEDA TECNICA INVERTER IMPIANTO FOTOVOLTAICO**

**SUN2000-3/4/5/6/10/16/20/30/40/50/60/80/100/120/150/180/200/250/300/350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1100/1200/1300/1400/1500/1600/1700/1800/1900/2000/2100/2200/2300/2400/2500/2600/2700/2800/2900/3000/3100/3200/3300/3400/3500/3600/3700/3800/3900/4000/4100/4200/4300/4400/4500/4600/4700/4800/4900/5000/5100/5200/5300/5400/5500/5600/5700/5800/5900/6000/6100/6200/6300/6400/6500/6600/6700/6800/6900/7000/7100/7200/7300/7400/7500/7600/7700/7800/7900/8000/8100/8200/8300/8400/8500/8600/8700/8800/8900/9000/9100/9200/9300/9400/9500/9600/9700/9800/9900/10000**

**Specifiche tecniche**

**Generali**

- Modello: SUN2000-3/4/5/6/10/16/20/30/40/50/60/80/100/120/150/180/200/250/300/350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1100/1200/1300/1400/1500/1600/1700/1800/1900/2000/2100/2200/2300/2400/2500/2600/2700/2800/2900/3000/3100/3200/3300/3400/3500/3600/3700/3800/3900/4000/4100/4200/4300/4400/4500/4600/4700/4800/4900/5000/5100/5200/5300/5400/5500/5600/5700/5800/5900/6000/6100/6200/6300/6400/6500/6600/6700/6800/6900/7000/7100/7200/7300/7400/7500/7600/7700/7800/7900/8000/8100/8200/8300/8400/8500/8600/8700/8800/8900/9000/9100/9200/9300/9400/9500/9600/9700/9800/9900/10000
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**SCHEDA TECNICA SISTEMA DI ACCUMULO FOTOVOLTAICO**

**LUNA2000-5/10/15/20**

**Specifiche tecniche**

**Generali**

- Modello: LUNA2000-5/10/15/20
- Modello: LUNA2000-5/10/15/20
- Modello: LUNA2000-5/10/15/20

**Specifiche tecniche**

**Generali**

- Modello: LUNA2000-5/10/15/20
- Modello: LUNA2000-5/10/15/20
- Modello: LUNA2000-5/10/15/20

**COMUNE DI BOVISIO MASCIAGO**  
Provincia di Monza e della Brianza

**APPALTO INTEGRATO DEI LAVORI DI RIQUALIFICAZIONE CENTRO SPORTIVO FRANCO GIORGETTI IN VIA EUROPA RIGENERAZIONE ED EFFICIENTAMENTO ENERGETICO**  
CUP: D98121000160001 - CIG: 969098193E

**FINANZIATO DALL'UNIONE EUROPEA**  
NEXT GENERATION EU

Finanziato dal "Piano Nazionale di Ripresa e Resilienza (PNRR) Missione 5: Coesione e inclusione Componente 2 - Infrastrutture sociali, famiglie, comunità e terzo settore Investimento 2.1 - Investimenti in progetti di rigenerazione urbana, volti a ridurre situazioni di emarginazione e degrado sociale

**PROGETTO DEFINITIVO - ESECUTIVO - FASE 2**

**IMPIANTO ELETTRICO**

**BOV CSFG EXE IE 014 01 COPERTURA - IMPIANTI FOTOVOLTAICI**

**APPALTATORE**  
**ARCO LAVORI**  
ARCO LAVORI SOC. COOP. CONS.

**PROGETTISTA:**  
**ACOS Srl**  
ACOS Srl Contatti & Partners  
Via Rodi 42 - 25124 Brescia

**IMPRESA ESECUTRICE**  
**DAMIANI**  
DAMIANI Contrattori Srl

**PROGETTO ARCHITETTONICO**  
Arch. Nicola Caronari

**PROGETTO STRUTTURALE**  
Ing. Stefano Tassinari

**PROGETTO IMPIANTI ELETTRICI E SPECIALI**  
Ing. Marco Cossu

**PROGETTO IMPIANTI MECCANICI**  
Ing. Marco Cossu

**PROGETTO ANTINCENDIO**  
Ing. Marco Cossu

**COORDINATORE DELLA SICUREZZA IN FASE DI ESECUZIONE**  
Arch. Eugenio Negrini