



CLEON[®]
Power Your World



HYBRID SOLAR PCU



DC POWER
SOURCE USAGE

- ▶ UNINTERRUPTIBLE POWER SUPPLIES
- ▶ ELECTRIC MOTOR SPEED CONTROL
- ▶ POWER GRID
- ▶ SOLAR



Pure Sine Wave



Three Working Modes



Wide Voltage Range



Widescreen LCD Display



Multiple Protection System



Remote Monitoring



Efficient and Fast Charging



Conversion Efficiency up to 95%



INVERTER SILENT FEATURES:

1. OPERATING VOLTAGE 100 VOLTAGE TO 290 VOLTAGE.
2. CHANGEOVER TIME MAX: <30MS (IN NORMAL MODE) & 6MS IN UPS MODE).
3. HIGH POWER NEW GENERATION MOSFET CABLE TO HANDLE HIGH IN RUSH/SURGE CURRENT.
4. DOUBLE STAGE MOSFET OVER CURRENT PROTECTION BY MEASURING RDS ON.
5. HIGHEST EFFICIENCY AT LOWEST COST.
6. PROGRAMMABLE THERMAL PROTECTION: COOLING FAN WHICH OPERATES AS NEEDED.
7. SOLAR PV REVERSE VOLTAGE PROTECTION.
8. ELECTRONIC OVER CURRENT CHARGING PROTECTION.
9. DESIGNED FOR CONTINUOUS RELIABLE AND OPERATION.



TECHNICAL DATA

SPECIFICATION	1000 VA/12 VOLT	1500 VA/12 VOLT	1500 VA/24 VOLT	1800 VA/24 VOLT	2500 VA/24 VOLT	3200 VA/24 VOLT	3200 VA/48 VOLT	4000 VA/48 VOLT	5200 VA/48 VOLT	5200 VA/96 VOLT	7.5 KVA/96 VOLT	7.5 KVA/120 VOLT	10 KVA/120 VOLT
NOMINAL VOLTAGE	12 VOLT	12 VOLT	24 VOLT	24 VOLT	24 VOLT	24 VOLT	48 VOLT	48 VOLT	48 VOLT	96 VOLT	96 VOLT	120 VOLT	120 VOLT
CHARGE CONTROLLER TYPE	PWM	PWM	PWM	PWM	PWM	PWM	PWM	PWM	PWM	PWM	PWMMPPT	PWMMPPT	PWMMPPT
MAXIMUM PV POWER	500WP	500WP	1000WP	1000WP	1000WP	1000WP	3500WP	3500WP	3500WP	5000WP	5000WP	7500WP	5000WP
INPUT VOLTAGE RANGE	17V-25V	17V-25V	17V-25V	17V-25V	17V-25V	17V-25V	70V-90V	70V-90V	70V-90V	130V-150V	130V-150V	180V-210V	180V-210V
BATTERY BOOST VOLTAGE	14.4V	14.4V	28.8V	28.8V	28.8V	28.8V	57.6V	57.6V	57.6V	115V	115V	144V	144V
BATTERY LOW CUT (ADJUSTABLE)	10.5V	10.5V	20.8V	20.8V	20.8V	20.8V	41.6V	41.6V	41.6V	83.2V	83.2V	104V	104V
GRID CHARGING CURRENT (ADJ.)	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP
SOLAR CHARGING CURRENT	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP	30 AMP
SUPPORTED BATTERY TYPES	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF	JUMBO, IT TUBULAR SMF
DISPLAY TYPE	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED

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