



Charge Controllers

DAYLIFF PWM



The DAYLIFF PWM charge controllers are high specification simple to use units for general solar charging applications. Features include;

- Dual MOS anti-backflow circuit for enhanced reliability
- Multi-stage PWM charging management and multiple load operating modes to meet diverse needs.
- LCD display indicates operating parameters and fault messages
- Inbuilt electronic protection functions including over-temperature protection, load overload protection, and short-circuit protection
- Automatic Battery Typical Voltage recognition

DAYLIFF MPPT



The DAYLIFF MPPT solar charge controller is of advanced design with Maximum Power Point Tracking (MPPT) applying an intelligent ultra-fast algorithm that enables the controller to extract maximum power from solar arrays. The battery charging process is also optimized for long battery life and improved system performance. Self-diagnostics and electronic error protections prevent damage when installation errors or system faults occur.

- Automatic Battery Voltage recognition
- Maximum efficiency 98 %

TECHNICAL SPECIFICATION

	PWM			MPPT				
	DPM-10	DPM-20	DPM-30	DPT-30	DPT-40	DPT-60	DPT-80	DPT-100
Max. PV Array Power (Watts)	12V, 150 24V,300	12V, 300 24V,600	12V, 450 24V,900	12V, 432 24V,864	12V, 576 24V,1152	12V, 940 24V,1880 48V,3760	12V, 1250 24V,2500 48V,5000	12V, 1560 24V,3120 48V,6250
Max. Module Current (A)	10	20	30		40	60	80	100
Nominal Battery Voltage(V)	12/24 Auto Select			12/24 Auto Select		12/24/48 Auto Select		
Max. Input Voltage (VDC)	55			145				245
Self Consumption (V:mA)	7/10			14				
Low VoltageDisconnect (LVD)	11.1			10/17		10/17/34		
Reconnection Voltage (LVR)	12.6			12.4/24.6		12.4/24.6/50.4		
Display	LCD							
IP Rating	IP32			IP30		IP20		
Dimensions (mm)	120x75x34	134x85x36	159x100x39	187x255x72		164x306x95		165x284x97
Weight (kgs)	0.13	0.18	0.29	2.65		3		4