

# Solar Priority Controller

Automatic Power Management System - External CC



- Auto Recognition (12/24/36/48V)
- LCD Display
- User defined LVD & HVD using DIP SWITCH
- High Sensing Accuracy
- Efficient use of solar energy consumption
- Lightning protection
- Battery High Voltage / Low Voltage protection
- Smart changeover
- Easy to install
- Compact size
- MPPT/PWM Charge Controllers compatible

Phocos offers Solar Priority controller with fully automated solar charge controller which is ideal for controlling your existing ordinary inverter or UPS to Solar Power Conditioning unit. The priority controller is micro controller based circuit which continuously track

the Solar Voltage, Battery Voltage, Grid Voltage and prefers the solar to run the load without affecting the battery status. Hence has an automatic mains change over features, only when necessary and during night mode.

Type	Priority Controller	
Model	APMS	
Nominal Battery Voltage	12/24/36/48V	
Low Battery cut off*	11.6/23.2/34.8/46.4V	
Full Battery cut off*	13.4/26.8/40.2/53.6V	
Maximum Battery Voltage	60V	
Inverter Rating	Upto 4 KVA	
LCD Indication	System Recognition	Grid ON/OFF
	Battery Voltage	PV ON/OFF
	Solar Priority	Solar/Grid/Solar+Grid/None
Operating Condition	- 20 ° C to +50 ° C	
Battery type	Lead Acid / Sealed Lead Acid / Gel / VRLA	
Type of protection	IP21	

- \* 1. User defined available with dip switch  
2. Can be customized