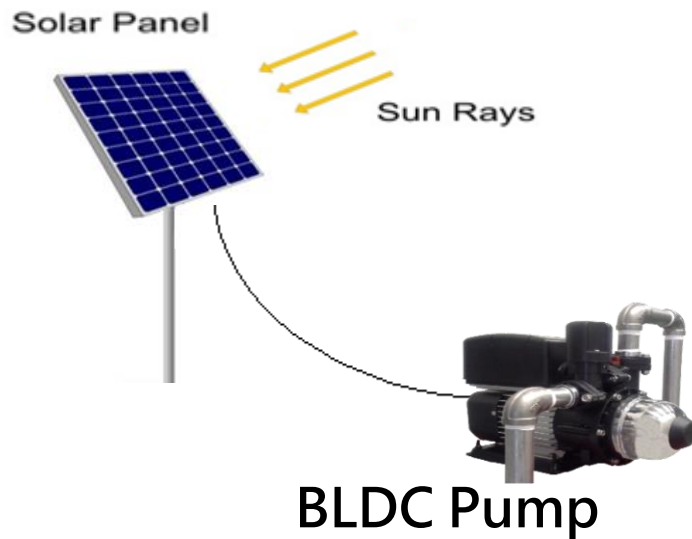


2. Pump: solar powered pumps comparison



AC pump needs additional inverter for DC to AC.

Pump: solar powered pumps comparison

	Intelligent Pump	AC Pump
Efficiency	90%	50%
Input Power Source	DC	AC
Output Power	750W	750W
PV Output Power	830W	1500W
PV Cost (USD)	\$415	\$750
Inverter Cost (USD)	0	\$375
Pump Cost (USD)	\$160	\$100
Total Cost (USD)	\$575	\$1225