



M3 Sunmotor
12 volt floating
submersible
pump.

SOLAR POWERED PUMP Snow Cr., Jefferson Co. WA

Livestock were fenced out of Snow Cr. on this farm several years ago. One gap was left in the fence so livestock could access the creek for drinking water—they also drank from unfenced ditches which flowed into another stream. Additional ditch and stream fencing to protect water quality and salmon habitat depended on development of a reliable alternative system to provide drinking water for the livestock. Jefferson Co. Conservation District set up a solar powered pumping demonstration using an M3 floating pump system and it successfully supplied enough water for 150 beef cattle for two summers. In 2007 a conservation easement was purchased for a 100'-150' creek buffer, the ditches were fenced, and a permanent solar powered pump installation was completed.

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85 watt solar
panel

Battery
Box